सत्यमेव जयते

INDIA NON JUDICIAL

Government of Chhattisgarh

e-Stamp

Certificate No.	:	**IN-CG61836022705510W**
Certificate Issued Date	:	16-Dec-2024 06:44 PM
Account Reference	:	CSCACC (GV)/ cgcsceg07/ CG-KBPRI1107/ CG-KB
Unique Doc. Reference	:	SUBIN-CGCGCSCEG0705421254719466W
Purchased by	:	HITESH CHHUGANI
Description of Document	:	Article 4 Affidavit
Property Description	:	Not Applicable
Consideration Price (Rs.)	:	0 (Zero)
First Party	:	HITESH CHHUGANI
Second Party	:	Not Applicable
Stamp Duty Paid By	:	HITESH CHHUGANI
Stamp Duty Amount(Rs.)	:	100 (One Hundred only)

22 DEC 2024

NOTARIAL NOTARIAL

Please write or type below this line

THIS STAMP PAPER FORMS AN INTEGRAL PART OF THE AFFIDAVIT BEING SUBMITTED IN PETITION NO. 81 OF 2024.

H. Chhugani

22 DEC 2024

QE 0024952286

Statutory Alert:

1. The authenticity of this Stamp certificate should be verified at 'www.shcilestamp.com' or using e-Stamp Mobile App of Stock Holding. Any discrepancy in the details on this Certificate and as available on the website / Mobile App renders it invalid.
2. The onus of checking the legitimacy is on the users of the certificate.
3. In case of any discrepancy please inform the Competent Authority.

22 DEC 2024

NOTARY SURESH KUMAR SHARMA NOTARY KORBA (C.G.) Reg.-C.G.-1/17, Dt.-14/5/24 to 14/5/29 GOVT. OF CHHATTISGARH

BEFORE THE HON'BLE CHHATTISGARH STATE ELECTRICITY REGULATORY COMMISSION

PETITION NO.81 OF 2024

IN THE MATTER OF:

1. BHARAT ALUMINIUM COMPANY LIMITED .... **PETITIONER**

VERSUS

1. CHHATTISGARH STATE POWER DISTRIBUTION COMPANY LIMITED .... **RESPONDENT**

AFFIDAVIT

I, Hitesh Chhugani (GM-Power Finance) working in Bharat Aluminium Company Limited and residing at Balco Nagar, Korba (Chhattisgarh) do solemnly affirm and say as follows:

1. That I am the Person in Charge/authorized signatory of the Petitioner Company in the instant matter and as such fully conversant with facts of the case and competent to swear this affidavit on oath.
2. The Hon'ble Commission vide its letter dated 28.11.2024 has asked the Petitioner Company to furnish the additional information regarding Petition 81 of 2024. The additional information submitted vide affidavit & letter dated 21.12.2024, which has been prepared based on the documents and records maintained by the petitioner company is true to the best of our knowledge. Nothing material has been concealed therefrom or falsely stated therein.

H. Chhugani

Deponent

Verification

I, Hitesh Chhugani, deponent, do hereby verify that the contents of paragraphs 1 to 2 mentioned above in the affidavit are true to my knowledge and no part of it is fake and nothing material has been concealed therefrom. Verified at Korba Chhattisgarh, on the 22 day of December 2024.

H. Chhugani

Deponent

SIGNED BEFORE ME 22/12/24

SURESH KUMAR SHARMA
NOTARY
Korba, Distt.-KORBA (C.G.)

NOTARY SURESH KUMAR SHARMA NOTARY KORBA (C.G.) GOVT. OF CHHATTISGARH

22 DEC 2024

BHARAT ALUMINIUM COMPANY LIMITED
P.O. - BALCO Nagar, Korba, CG
India - 495684

WITHOUT PREJUDICE

To,
The Secretary,
Hon'ble Chhattisgarh State Electricity Regulatory Commission
Irrigation Colony, Shanti Nagar
Raipur (Chhattisgarh).

Date: 21-12-2024

Sub: Submission of additional information in respect of Petition 81 of 2024.

Ref: **1)** CSERC Petition no. 81 of 2024 for Determination of Tariff (Variable Cost) for FY 2022-23.
2) Hon'ble Commission letter dated 28.11.2024.

Dear Sir,

In reference to petition no. 81 of 2024, we are pleased to submit the requested information in the format specified by the Hon'ble Commission in their letter dated November 28, 2024:

1) **Generation & Technical details of power plant**: Attached as Annexure 1.
2) **Coal details**- Attached as Annexure 2.
3) **Secondary fuel**- Attached as Annexure 3.
4) **Generation and supply data along with Annual form**- Attached as Annexure 4.
5) **Bill wise coal detail:** Attached as Annexure 5-I & 5-II,
6) **Bill wise secondary fuel detail**: Attached as Annexure 6,
7) **Information related to P&L (FY 22-23) along-with Annual report**- Attached as Annexure 7,
8) **Computation of ECR**: Attached as Annexure 8.

The required details / data (as mentioned above) were submitted as annexure's 6, 7 & 16 to the petition no. 81 0f 2024.

Thanking you,

For Bharat Aluminium Company Limited

Authorized Signatory

BHARAT ALUMINIUM CO. LTD. balco KORBA

Encloser: -

1. Annexure's: Data in requisite format.

General & Technical details of Power Plant (Annexure - 1)

Sr.no.	Particulars	
1	Plant Name	Bharat Aluminum Company Ltd
2	Capacity of Plant	1200 MW (4x300 MW)
3	No. of Unit(s)	4
4	Date of PPA	19.01.2015
5	Date of PSA	
6	Date of FSA(s)	28.08.2013
7	Annual Contracted Capacity (ACQ)	17,32,287 TPA *4th addendum 15.10.2020*
8	CoD of Plant	FY 2015-16
9	Unit wise CoD	Unit-1 : 11.07.2015, Unit-2 : 30.03.2016, Unit-3 : 28.11.2015, Unit-4 : 13.03.2016
10	Date of commencement of power supply to CSPDCL	Oct-15
11	Design Heat Rate (KCal/kWh) as per OEM	2250
12	Boiler Pressure Rating (Kg/cm2)	173.9
13	SHT/RHT in degree centigrade	541/541
14	Type of Boiler feed pump (Electrical/ Turbine Driven)	Turbine Driven Boiler Feed Pump & Motor Driven Boiler Feed Pump (STANDBY)
15	Max. Turbine Cycle Heat rate (KCal/kWh)	2248.13
16	Min. Boiler Efficiency	86.50%
17	Max Design Unit Heat rate (Kcal/kWh)	2599
18	Cooling Tower (Natural/Forced draught cooling)	Induced draught cooling tower
19	Type of Station (Pit head/Non Pit head)	Non Pit head
20	Normative Transit & Handling loss in (%)	0.80%
21	Actual Transit & Handling loss in (%)	

BHARAT ALUMINIUM CO. LTD. KORBA

Coal Details (Annexure-2)

2 Summary of Coal Details for FY 2022-23

S. No.	Particular	Opening Stock		Purchase		P2P		Consumption as per book		Closing Stock		GCV ARB
		Qty in MT	Amount in ₹	Qty in MT	Amount in ₹	Qty in MT	Amount in ₹	Qty in MT	Amount in ₹	Qty in MT	Amount in ₹	kCal/kg
2.1	Linkage Coal	2,27,217	48,40,04,916	11,09,390	2,32,26,59,081	-	-	6,23,902	1,28,10,93,773	7,12,705	1,52,55,70,224	3,444
2.2	E-Auction	1,24,152	40,70,51,346	7,04,636	5,25,43,93,620	-1,07,124	-34,93,24,653	4,16,301	3,10,59,50,992	18,039	10,78,99,437	3,122
2.3	Special Auction Coal	25,996	8,14,51,276	3,571	1,19,10,868	-	-	-	-	-	-	4,088
2.4	Trader coal	2,658	2,90,91,204	2,11,481	2,72,91,47,002	-6,584	-8,82,97,472	8,122	11,04,85,122	-	-	3,659
2.5	Imported Coal	799	1,38,22,266	2,32,811	3,09,03,06,332	-	-	1,30,341	1,73,51,39,167	8,829	10,85,05,443	5,098
2.6	Any Other source of procurement (Exclusively used for Captive Purpose, shall not be consider for computattion of tariff.)							13,19,893				3,540
							LPPF (Rs/MT)	5,288				
	Consider for Tariff Petition						Total	11,78,666	6,23,26,69,054			

Note: Consumption particulars are considered only for those period in which power is supplied to CSPDCL (refer annexure A-4 "Generation and supply data) i.e Sept'22, Oct'22, Dec'22, Jan'23, Feb'23 and Mar'23

2 Linkage Coal Details

S. No.	Month	Opening Stock		Purchase		P2P		Consumption as per book		Closing Stock		GCV ARB
		Qty in MT	Amount in ₹	Qty in MT	Amount in ₹	Qty in MT	Amount in ₹	Qty in MT	Amount in ₹	Qty in MT	Amount in ₹	kCal/kg
1	Apr	2,27,217	48,40,04,916	6,628	1,36,04,730	-	-	-	-	2,33,845	49,76,09,645	4,330
2	May	2,33,845	49,76,09,645	17,875	4,03,87,554	-	-	-	-	2,51,720	53,79,97,199	3,292
3	Jun	2,51,720	53,79,97,199	1,16,751	25,23,53,205	-	-	-	-	3,68,471	79,03,50,404	2,938
4	Jul	3,68,471	79,03,50,404	1,92,137	39,71,84,236	-	-	-	-	5,60,607	1,18,75,34,640	3,346
5	Aug	5,60,607	1,18,75,34,640	1,27,765	27,33,17,647	-	-	-	-	6,88,372	1,46,08,52,286	3,348
6	Sep	6,88,372	1,46,08,52,286	47,905	10,59,68,600	-	-	1,21,361	24,97,26,762	6,14,916	1,31,70,94,124	3,498
7	Oct	6,14,916	1,31,70,94,124	81,602	17,39,53,734	-	-	88,598	17,35,98,470	6,07,919	1,31,74,49,387	3,413
8	Nov	6,07,919	1,31,74,49,387	1,41,696	29,98,01,826	-	-	-	-	7,49,615	1,61,72,51,213	3,785
9	Dec	7,49,615	1,61,72,51,213	91,764	19,10,67,975	-	-	75,243	15,95,24,763	7,66,136	1,64,87,94,425	3,595
10	Jan	7,66,136	1,64,87,94,425	1,44,058	29,20,76,865	-	-	1,33,138	27,82,47,916	7,77,057	1,66,26,23,374	3,695
11	Feb	7,77,057	1,66,26,23,374	34,082	6,69,44,170	-	-	1,04,191	21,42,62,255	7,06,947	1,51,53,05,289	3,451
12	Mar	7,06,947	1,51,53,05,289	1,07,129	21,59,98,541	-	-	1,01,370	20,57,33,606	7,12,705	1,52,55,70,224	3,338
	Total	**2,27,217**	**48,40,04,916**	**11,09,390**	**2,32,26,59,081**	**-**	**-**	**6,23,902**	**1,28,10,93,773**	**7,12,705**	**1,52,55,70,224**	**3,444**
	Consider for tariff petition							**6,23,902**	**1,28,10,93,773**	**7,12,705**	**1,52,55,70,224**	**3,444**

Note: Consumption particulars are considered only for those period in which power is supplied to CSPDCL (refer annexure A-4 "Generation and supply data) i.e Sept'22, Oct'22, Dec'22, Jan'23, Feb'23 and Mar'23

2 E-Auction Coal Details

S. No.	Month	Opening Stock		Purchase		P2P		Consumption as per book		Closing Stock		GCV ARB
		Qty in MT	Amount in ₹	Qty in MT	Amount in ₹	Qty in MT	Amount in ₹	Qty in MT	Amount in ₹	Qty in MT	Amount in ₹	kCal/kg
1	Apr	1,24,152	40,70,51,346	82,145	49,56,76,746	-	-	95,656	57,60,44,568	1,10,640	32,66,83,524	3,824
2	May	1,10,640	32,66,83,524	57,367	37,11,49,841	-	-	51,754	33,83,77,467	1,16,253	35,94,55,898	2,837
3	Jun	1,16,253	35,94,55,898	52,487	47,92,41,498	-	-	60,496	52,36,53,229	1,08,245	31,50,44,167	2,534
4	Jul	1,08,245	31,50,44,167	22,651	19,69,94,717	-1,00,000	-29,32,00,000	23,293	20,11,92,578	1,07,604	31,08,46,307	2,538
5	Aug	7,604	1,76,46,307	1,17,080	98,89,66,925	-	-	55,910	45,72,73,695	68,774	54,93,39,537	2,643
6	Sep	68,774	54,93,39,537	1,00,762	81,60,49,812	-	-	61,776	51,87,53,258	1,07,760	84,66,36,092	2,490
7	Oct	1,07,760	84,66,36,092	16,475	14,21,86,301	-7,124	-5,61,24,653	78,360	63,82,07,772	45,875	35,06,14,621	2,677
8	Nov	38,751	29,44,89,968	12,737	10,52,61,763	-	-	215	17,28,347	51,273	39,80,23,383	2,374
9	Dec	51,273	39,80,23,383	-	-	-	-	25,483	20,13,82,347	25,790	19,66,41,037	-
10	Jan	25,790	19,66,41,037	57,216	43,43,89,447	-	-	80,260	61,80,51,666	2,746	1,29,78,818	3,649
11	Feb	2,746	1,29,78,818	83,230	58,04,32,539	-	-	63,667	44,35,58,740	22,309	14,98,52,618	3,797
12	Mar	22,309	14,98,52,618	1,02,485	64,40,44,031	-	-	1,06,755	68,59,97,211	18,039	10,78,99,437	3,641
	Total	1,24,152	40,70,51,346	7,04,636	5,25,43,93,620	**-1,07,124**	**-34,93,24,653**	7,03,625	5,20,42,20,875	18,039	10,78,99,437	3,122
	Consider for tariff petition							**4,16,301**	**3,10,59,50,992**	***18,039***	***10,78,99,437***	***3,122***

Note: Consumption particulars are considered only for those period in which power is supplied to CSPDCL (refer annexure A-4 "Generation and supply data) i.e Sept'22, Oct'22, Dec'22, Jan'23, Feb'23 and Mar'23

2 Special Auction Coal Details

S. No.	Month	Opening Stock		Purchase		P2P		Consumption as per book		Closing Stock		GCV ARB
		Qty in MT	Amount in ₹	Qty in MT	Amount in ₹	Qty in MT	Amount in ₹	Qty in MT	Amount in ₹	Qty in MT	Amount in ₹	kCal/kg
1	Apr	25,996	8,14,51,276	3,571	1,19,10,868	-	-	5,311	1,96,87,016	24,256	7,36,75,128	4,088
2	May	24,256	7,36,75,128	-	-	-	-	12,374	3,76,64,192	11,882	3,60,10,936	
3	Jun	11,882	3,60,10,936	-	-	-	-	11,882	3,60,10,936	-	-	
4	Jul	-	-	-	-	-	-	-	-	-	-	
5	Aug	-	-	-	-	-	-	-	-	-	-	
6	Sep	-	-	-	-	-	-	-	-	-	-	
7	Oct	-	-	-	-	-	-	-	-	-	-	
8	Nov	-	-	-	-	-	-	-	-	-	-	
9	Dec	-	-	-	-	-	-	-	-	-	-	
10	Jan	-	-	-	-	-	-	-	-	-	-	
11	Feb	-	-	-	-	-	-	-	-	-	-	
12	Mar	-	-	-	-	-	-	-	-	-	-	
	Total	25,996	8,14,51,276	3,571	1,19,10,868	-	-	29,567	9,33,62,144	-	-	4,088
	Consider for tariff petition							-	-	-	-	***4,088***

Note: Consumption particulars are considered only for those period in which power is supplied to CSPDCL (refer annexure A-4 "Generation and supply data) i.e Sept'22, Oct'22, Dec'22, Jan'23, Feb'23 and Mar'23

2 Trader Coal

S. No.	Month	Opening Stock		Purchase		P2P		Consumption as per book		Closing Stock		GCV ARB
		Qty in MT	Amount in ₹	Qty in MT	Amount in ₹	Qty in MT	Amount in ₹	Qty in MT	Amount in ₹	Qty in MT	Amount in ₹	kCal/kg
1	Apr	2,658	2,90,91,204	84,989	1,04,11,36,859	-	-	73,426	89,46,00,294	14,221	17,56,27,769	3,596
2	May	14,221	17,56,27,769	1,23,614	1,64,79,64,879	-	-	36,568	46,31,87,702	1,01,266	1,36,04,04,946	3,709
3	Jun	1,01,266	1,36,04,04,946	-	-	-6,468	-8,67,19,706	26,079	35,03,86,352	68,720	92,32,98,887	-
4	Jul	68,720	92,32,98,887	281	37,69,521	-	-	62,426	83,87,39,601	6,574	8,83,28,807	3,359
5	Aug	6,574	8,83,28,807	2,597	3,62,75,742	-	-	934	1,25,41,661	8,238	11,20,62,888	3,359
6	Sep	8,238	11,20,62,888	-	-	-6	-76,602	497	67,66,038	7,735	10,52,20,248	-

7	Oct	7,735	10,52,20,248	-	-	-110	-15,01,164	7,624	10,37,19,084	0	-0	-
8	Nov	-	-	-	-	-	-	-	-	-	-	-
9	Dec	-	-	-	-	-	-	-	-	-	-	-
10	Jan	-	-	-	-	-	-	-	-	-	-	-
11	Feb	-	-	-	-	-	-	-	-	-	-	-
12	Mar	-	-	-	-	-	-	-	-	-	-	-
	Total	2,658	2,90,91,204	2,11,481	2,72,91,47,002	-6,584	-8,82,97,472	2,07,555	2,66,99,40,733	-	-	3,659
	Consider for tariff petition							**8,122**	**11,04,85,122**	-	-	**3,659**

Note: Consumption particulars are considered only for those period in which power is supplied to CSPDCL (refer annexure A-4 "Generation and supply data) i.e Sept'22, Oct'22, Dec'22, Jan'23, Feb'23 and Mar'23

3 Imported Coal Details

S. No.	Month	Opening Stock		Purchase		P2P		Consumption as per book		Closing Stock		GCV ARB
		Qty in MT	Amount in ₹	Qty in MT	Amount in ₹	Qty in MT	Amount in ₹	Qty in MT	Amount in ₹	Qty in MT	Amount in ₹	kCal/kg
1	Apr	799	1,38,22,266	13,174	18,79,39,069	-	-	6,179	9,86,79,052	7,793	10,30,82,284	5,691
2	May	7,793	10,30,82,284	15,259	21,41,61,219	-	-	10,083	13,87,54,552	12,969	17,84,88,950	5,837
3	Jun	12,969	17,84,88,950	21,102	30,58,36,664	-	-	33,850	48,26,32,054	220	16,93,560	5,776
4	Jul	220	16,93,560	10,096	14,47,20,343	-	-	8,083	11,88,06,592	2,233	2,76,07,311	5,603
5	Aug	2,233	2,76,07,311	50,253	60,66,19,641	-	-	35,731	41,39,04,714	16,754	22,03,22,238	4,413
6	Sep	16,754	22,03,22,238	42,047	62,20,39,960	-	-	47,763	67,13,54,320	11,038	17,10,07,877	5,458
7	Oct	11,038	17,10,07,877	26,144	36,23,36,830	-	-	25,755	35,94,31,460	11,428	17,39,13,247	5,208
8	Nov	11,428	17,39,13,247	15,971	18,60,97,372	-	-	513	77,07,024	26,886	35,23,03,595	4,922
9	Dec	26,886	35,23,03,595	22,686	28,00,04,599	-	-	6,991	8,87,70,817	42,581	54,35,37,378	4,803
10	Jan	42,581	54,35,37,378	12,312	13,46,22,240	-	-	23,033	28,53,29,662	31,860	39,28,29,956	4,187
11	Feb	31,860	39,28,29,956	2,933	3,65,19,703	-	-	9,870	12,15,47,983	24,923	30,78,01,676	4,332
12	Mar	24,923	30,78,01,676	836	94,08,691	-	-	16,930	20,87,04,924	8,829	10,85,05,443	5,991
	Total	799	1,38,22,266	2,32,811	3,09,03,06,332	-	-	2,24,780	2,99,56,23,155	8,829	10,85,05,443	5,098
	Consider for tariff petition							**1,30,341**	**1,73,51,39,167**	**8,829**	**10,85,05,443**	**5,098**

Note: Consumption particulars are considered only for those period in which power is supplied to CSPDCL (refer annexure A-4 "Generation and supply data) i.e Sept'22, Oct'22, Dec'22, Jan'23, Feb'23 and Mar'23

3 Any Other source of procurement

S. No.	Month	Opening Stock		Purchase		P2P		Consumption as per book		Closing Stock		GCV ARB
		Qty in MT	Amount in ₹	Qty in MT	Amount in ₹	Qty in MT	Amount in ₹	Qty in MT	Amount in ₹	Qty in MT	Amount in ₹	kCal/kg
1	Apr					-	-					
2	May					-	-					
3	Jun					-	-					
4	Jul					-	-					
5	Aug					-	-					
6	Sep					-	-					
7	Oct					-	-					
8	Nov					-	-					
9	Dec					-	-					
10	Jan					-	-					
11	Feb					-	-					
12	Mar					-	-					
	Total	-	-	-		-	-	-	-	-	-	

BHARAT ALUMINIUM CO. LTD.
balco
KORBA

Secondary Fuel Detail (Annexure-3)

3 Summary of Secondary Fuel Details for FY 2022-23

S. No.	Particular	Opening Stock		Purchase		Consumption as per book		Closing Stock		GCV ARB
		Qty	Amount in ₹	Qty	Amount in ₹	Qty	Amount in ₹	Qty	Amount in ₹	kCal/unit
3	HSD	270	1,27,19,936	1,875	10,15,77,434	328	1,59,78,089	1,387	7,27,93,875	10,289
3	LDO	315	2,01,43,172	2,503	19,92,59,282	724	5,48,84,128	1,364	10,68,93,498	10,863
3	Others etc.	-	-	-	-	-	-	-	-	-
					LPSF(Rs/ml)		0.067			
					Total	**1,052**	**7,08,62,217**			

3 HSD Details:

S. No.	Month	Opening Stock		Purchase		Consumption as per book		Closing Stock		GCV ARB
		Qty	Amount in ₹	Qty	Amount in ₹	Qty	Amount in ₹	Qty	Amount in ₹	kCal/ml
1	Apr	270	1,27,19,936	100	61,55,286	42	21,54,311	328	1,67,20,911	10,204
2	May	328	1,67,20,911	195	1,36,87,731	95	50,21,470	428	2,53,87,173	10,169
3	Jun	428	2,53,87,173	297	1,92,65,091	106	67,46,594	618	3,79,05,669	10,219
4	Jul	618	3,79,05,669	250	1,55,67,460	112	70,63,784	756	4,64,09,345	10,341
5	Aug	756	4,64,09,345	100	49,51,284	70	43,27,680	786	4,70,32,949	10,314
6	Sep	786	4,70,32,949	245	1,16,34,146	33	20,23,872	998	5,66,43,223	10,324
7	Oct	998	5,66,43,223	370	1,66,37,562	85	43,58,158	1,283	6,89,22,627	10,350
8	Nov	1,283	6,89,22,627	25	11,21,051	4	2,11,568	1,304	6,98,32,110	10,326
9	Dec	1,304	6,98,32,110	50	19,63,603	66	30,92,469	1,288	6,87,03,244	10,349
10	Jan	1,288	6,87,03,244	95	38,79,646	32	14,72,264	1,351	7,11,10,626	10,333
11	Feb	1,351	7,11,10,626	49	20,77,211	49	21,83,272	1,351	7,10,04,565	10,316
12	Mar	1,351	7,10,04,565	99	46,37,364	63	28,48,054	1,387	7,27,93,875	10,316
	Total	**270**	**1,27,19,936**	**1,875**	**10,15,77,434**	**758**	**4,15,03,496**	**1,387**	**7,27,93,875**	**10,289**
	Consider for tariff petition					**328**	**1,59,78,089**	**1,387**	**7,27,93,875**	**10,289**

Note: Consumption particulars are considered only for those period in which power is supplied to CSPDCL (refer annexure A-4 "Generation and supply data) i.e Sept'22, Oct'22, Dec'22, Jan'23, Feb'23 and Mar'23

3 LDO Details:

S. No.	Month	Opening Stock		Purchase		Consumption as per book		Closing Stock		GCV ARB
		Qty	Amount in ₹	Qty	Amount in ₹	Qty	Amount in ₹	Qty	Amount in ₹	kCal/ml
1	Apr	315	2,01,43,172			75	47,03,609	241	1,54,39,562	10,824
2	May	241	1,54,39,562	372	3,26,77,656	163	1,09,98,588	449	3,71,18,630	10,855
3	Jun	449	3,71,18,630	391	3,42,70,777	142	1,19,56,517	698	5,94,32,890	10,857
4	Jul	698	5,94,32,890	162	1,46,92,733	169	1,46,19,092	690	5,95,06,531	10,845
5	Aug	690	5,95,06,531	216	1,69,36,923	123	1,08,33,440	783	6,56,10,014	10,866
6	Sep	783	6,56,10,014	349	2,77,46,039	62	50,67,442	1,070	8,82,88,611	10,875
7	Oct	1,070	8,82,88,611	304	2,28,67,174	175	1,38,17,881	1,199	9,73,37,904	10,869
8	Nov	1,199	9,73,37,904	63	50,84,131	58	45,13,581	1,204	9,79,08,454	10,866
9	Dec	1,204	9,79,08,454	179	1,27,82,125	128	98,53,892	1,255	10,08,36,687	10,850
10	Jan	1,255	10,08,36,687	159	1,09,40,038	109	78,04,069	1,305	10,39,72,656	10,905
11	Feb	1,305	10,39,72,656	140	99,13,580	127	95,49,414	1,318	10,43,36,822	10,856
12	Mar	1,318	10,43,36,822	169	1,13,48,106	123	87,91,430	1,364	10,68,93,498	10,856
	Total	**315**	**2,01,43,172**	**2,503**	**19,92,59,282**	**1,455**	**11,25,08,955**	**1,364**	**10,68,93,498**	**10,863**
	Consider for tariff petition					**724**	**5,48,84,128**	**1,364**	**10,68,93,498**	**10,863**

Note: Consumption particulars are considered only for those period in which power is supplied to CSPDCL (refer annexure A-4 "Generation and supply data) i.e Sept'22, Oct'22, Dec'22, Jan'23, Feb'23 and Mar'23

BHARAT ALUMINIUM CO. LTD. KORBA

Generation & Supply Data - (Annexure-4)

Monthly Data related to Generation and Supply for FY 2022-23

S. No.	Month	Generation and Supply Data					
		Gross Generation	**Auxilary Consumpltion**	**Net Generation**	**Unit Supplied to CSPDCL**	**Auxiliary Consumption**	**Remark**
		MU	MU	MU	MU	%	
		A	B	C=A-B	E	F = B/A	
1	Apr	519.15	39.74	479.41	-	7.65%	*As per the annual form submitted to CEI*
2	May	349.19	30.88	318.32	-	8.84%	
3	Jun	409.38	35.06	374.31	-	8.57%	
4	Jul	360.01	32.34	327.67	-	8.98%	
5	Aug	382.31	34.08	348.23	-	8.91%	
6	Sep	539.57	46.30	493.27	12.94	8.58%	
7	Oct	536.84	45.24	491.60	30.11	8.43%	
8	Nov	427.96	33.40	394.56	-	7.80%	
9	Dec	531.74	39.00	492.74	22.03	7.33%	
10	Jan	667.08	49.31	617.78	40.85	7.39%	
11	Feb	615.60	45.52	570.08	36.96	7.39%	
12	Mar	627.68	47.59	580.09	38.18	7.58%	
	Total	**5,966.52**	**478.45**	**5,488.07**	**181.07**	**8.02%**	
Consider for tariff petition		**3,518.52**	**272.96**	**3,245.56**	**181.07**	**7.76%**	

Note: Particulars are considered only for those period in which power is supplied to CSPDCL i.e Sept'22, Oct'22, Dec'22, Jan'23, Feb'23 and Mar'23

BHARAT ALUMINIUM CO. LTD. balco KORBA

vedanta
transforming for good

balco
BHARAT ALUMINIUM COMPANY LIMITED
P.O. - BALCO Nagar, Korba, CG
India - 495684

To,
The Chief Electrical Inspector
Govt. of Chhattisgarh
B- Block, Indravati Bhavan, HOD Building
IInd Floor, Naya Raipur,
Raipur

05th June 2023

Sub: Submission of Annual Return of Captive consumption and Sale of electrical energy at BALCO, Korba for the financial year 2022-23.

Dear Sir,

Please find enclosed Annual Return of Captive consumption and Sale of electrical energy for the financial year 2022-23 from the Thermal power plants located at BALCO Works, Korba.

The aforesaid annual return pertains to:

1. Captive Power Plant (CPPs) aggregating to a gross capacity of 1710 MW (4X67.5 MW+4x135 MW + 3x300 MW i.e. Unit-2,3 & 4 of 300 MW sized units)
2. Independent Power plant (IPP) i.e. Unit -1 of 300 MW size unit.

It is to submit that all the power generating Units as stated above are fully owned by BALCO. Further BALCO has consumed more than 51% of the power generated from CPP Rule 3(1)(a)(ii) and 3(1)(b) of Electricity Rules, 2005.

It is humbly requested to acknowledge the above mentioned Annual return of Captive consumption and Sale of electrical energy. We keep ourselves in readiness in case you require any clarification in this regard.

Thanking You,
For Bharat Aluminium Company Limited

(Authorised Signatory)

BHARAT ALUMINIUM CO. LTD.
balco
KORBA

Type of power Plant :- Captive Power Plant (Coal)
Installed capacity :- 900 MW (3 X 300 MW)

Month	Gross Generation (mu)	Aux. Cons. (mu)	Net Generation (mu)	Import from CSEB	Import from Grid	Captive Cons. (mu): Energy Consumed through dedicated network	Captive Cons. (mu): Energy Injected into the grid for captive use through OA	Captive Cons. (mu): Total captive consumption	% of Consumption w.r.t. net generation	Non Captive Cons. (mu) – Supply to entities othe tha distribution licensee: Energy consumed through dedicated net work (if any)	Non Captive Cons. (mu) – Supply to entities othe tha distribution licensee: Energy injected into the grod for non captive use within the state (intra state OA)	Non Captive Cons. (mu) – Supply to entities othe tha distribution licensee: Energy injected into the grid for non captive use out side the state (inter state OA)	Non Captive Cons. (mu) – Supply to entities othe tha distribution licensee: Total non captive consumption	Sale to distribution licensee: CSPTrDCL	Sale to distribution licensee: BSP	Sale to distribution licensee: JSPL	Sale to distribution licensee: Sale to OA	Sale to distribution licensee: Total	Colony Consumption	Total Net Energy Fed
	1	2	3	4	5	6	7	8=6+7	9=8/3	10	11	12	13=10+11+12	14	15	16	17	18=14+15+16+17	19	20=8+18+19
Apr-22	342.12	25.35	316.77	0.00	11.95	326.87	-	326.87	103%	-	-	-	-	-	-	-	-	0.00	1.85	328.72
May-22	155.24	14.81	140.43	0.00	104.53	242.95	-	242.95	173%	-	-	-	-	-	-	-	-	0.00	2.01	244.96
Jun-22	236.20	20.65	215.55	0.00	34.39	247.93	-	247.93	115%	-	-	-	-	-	-	-	-	0.00	2.01	249.94
Jul-22	175.95	16.36	159.59	0.00	82.64	240.41	-	240.41	151%	-	-	-	-	-	-	-	-	0.00	1.83	242.24
Aug-22	247.59	21.93	225.66	0.00	100.97	324.88	-	324.88	144%	-	-	-	-	-	-	-	-	0.00	1.75	326.63
Sep-22	382.22	31.88	350.33	0.00	1.30	349.94	-	349.94	100%	-	-	-	-	-	-	-	-	0.00	1.70	351.64
Oct-22	424.43	34.20	390.23	0.00	4.13	368.32	-	368.32	94%	-	-	-	-	15.06	-	-	9.41	24.47	1.57	394.36
Nov-22	427.96	33.40	394.56	0.00	22.59	415.75	-	415.75	105%	-	-	-	-	-	-	-	-	0.00	1.40	417.15
Dec-22	424.50	30.79	393.72	0.00	45.47	399.24	-	399.24	101%	-	-	-	-	6.14	-	-	32.22	38.36	1.59	439.18
Jan-23	483.86	35.26	448.60	0.00	39.20	406.79	-	406.79	91%	-	-	-	-	13.05	-	-	66.31	79.36	1.66	487.81
Feb-23	463.28	33.35	429.94	0.00	31.67	413.57	-	413.57	96%	-	-	-	-	9.23	-	-	37.46	46.70	1.33	461.61
Mar-23	466.69	34.42	432.28	0.00	21.89	399.36	-	399.36	92%	-	-	-	-	10.13	-	-	43.18	53.32	1.49	454.17
TOTAL	4,230.04	332.38	3,897.66	-	500.74	4,136.00	-	4,136.00	106%	-	-	-	-	53.62	-	-	188.59	242.21	20.19	4,398.40

Format-B

Details to be submitted by power plants to Chief Electrical Inspector for the Financial Year 2022-23 (April 22 to March 23)					
S.No.	Particulars				
1	Name and location of power plant		M/s BALCO, KORBA		
(a)	Type of generation		Thermal		
(b)	Fuel used		Conventional		
2	Installed Capacity (MW)	A	900 MW		
3	Gross Generation in MU during financial Year	B	4230.04		
4	Auxiliary Consumption (MU)	C	332.38		
5	Net generation of electricity in MU during financial year	D	3897.66		
5a	Power Imported from CSEB during the year	E	0.00		
5b	Power Imported from Grid during the year	F	500.74		
6	**Consumption**	G	4156.19		
I	**Consumption within the State**		4156.19		
a	Total Sale to distribution licensee in MU (CSPTrDCL)	H	53.62		
	Consumption other than sale to licensee in MU				
		1	2	3	4 etc
	Name of entity consuming power				
	Whether energy fed through dedicated line/open access				
	Share holding % of the power plant for entities consuming power				
	Energy fed for each entity (MU) out of the net generation including losses if any				
	Total energy fed for share holding entities in MU	I			
	Total energy fed for non share holding entities in MU	J			
	% Consumption w.r.t. net generation of share holding entities	K=I/D			
II	**Supply for inter-State sales**				
a	Energy injected into the transmission/distribution system for inter-state sales in MU	L	188.59		
7	Total Consumption of energy in MU	X=G+H-E-F+L	3897.66		
Note - X Should be equal to D.					

BHARAT ALUMINIUM CO. LTD.
balco
KORBA

Format -A

Detail of generation and consumption for Financial Year 2022-23 (April 22 to March 23)
Name of power plant :- M/s BALCO
Type of power Plant :- Independent Power Plant (Coal)
Installed capacity :- Unit-1 : 1 X 300 MW

Month	Gross Generation (mu)	Aux. Cons. (mu)	Net Generation (mu).	Import from CSEB	Import from Grid	Captive Cons. (mu)				Non Captive Cons. (mu)										
										Supply to entities othe tha distribution licensee				Sale to distribution licensee					Colony Consu mption	Total Net Energy Fed
						Energy Consume d through dedicated network	Energy Injected into the grid for captive use through OA	Total captive consumption	% of Consumption w.r.t. net generation	Energy consumed through dedicated net work (if any)	Energy injected into the grod for non captive use within the state (intra state OA)	Energy injected into the grid for non captive use out side the state (inter state OA)	Total non captive consumption	CSPTrD CL	BSP	JSPL	Sale to OA	Total		
	1	2	3	4	5	6	7	8=6+7	9=8/3	10	11	12	13=10+11+12	14	15	16	17	18=14+15+16+17	19	20=8+18+19
Apr-22	177.03	14.39	162.64	0.00	0.00	162.64	-	162.64	100%	-	-	-	-	-	-	-	0.00	0.00	0.00	162.64
May-22	193.96	16.07	177.89	0.00	0.00	177.89	-	177.89	100%	-	-	-	-	-	-	-	0.00	0.00	0.00	177.89
Jun-22	173.18	14.41	158.76	0.00	0.00	158.76	-	158.76	100%	-	-	-	-	-	-	-	0.00	0.00	0.00	158.76
Jul-22	184.06	15.98	168.08	0.00	0.00	168.08	-	168.08	100%	-	-	-	-	-	-	-	0.00	0.00	0.00	168.08
Aug-22	134.72	12.14	122.58	0.00	0.00	122.58	-	122.58	100%	-	-	-	-	-	-	-	-	0.00	0.00	122.58
Sep-22	157.35	14.42	142.93	0.00	0.00	128.74	-	128.74	90%	-	-	-	-	12.94	-	-	1.25	14.19	0.00	142.93
Oct-22	112.41	11.04	101.37	0.00	0.00	22.44	-	22.44	22%	-	-	-	-	15.06	-	-	63.88	78.94	0.00	101.37
Nov-22	-	-	-	0.00	0.00	0.00	-	0.00	0%	-	-	-	-	-	-	-	-	0.00	0.00	0.00
Dec-22	107.24	8.21	99.02	0.00	0.00	0.00	-	0.00	0%	-	-	-	-	15.89	-	-	83.43	99.32	0.00	99.02
Jan-23	183.23	14.05	169.18	0.00	0.00	0.00	-	0.00	0%	-	-	-	-	27.79	-	-	141.17	168.97	0.00	169.18
Feb-23	152.31	12.17	140.14	0.00	0.00	0.00	-	0.00	0%	-	-	-	-	27.73	-	-	112.51	140.23	0.00	140.14
Mar-23	160.99	13.18	147.81	0.00	0.00	0.00	-	0.00	0%	-	-	-	-	28.04	-	-	119.52	147.56	0.00	147.81
TOTAL	1,736.48	146.07	1,590.41	-	-	941.13	-	941.13	59%	-	-	-	-	127.45	-	-	521.76	649.21	-	1,590.41

BHARAT ALUMINIUM CO. LTD. balco ★ KORBA ★

Format-B

S.No.	Particulars					
	Details to be submitted by power plants to Chief Electrical Inspector for the Financial Year 2022-23 (April 22 to March 23)					
1	Name and location of power plant		M/s BALCO, KORBA			
(a)	Type of generation		Thermal			
(b)	Fuel used		Conventional			
2	Installed Capacity (MW)	A	Unit-1 : 1 X 300 MW			
3	Gross Generation in MU during financial Year	B	1736.48			
4	Auxiliary Consumption (MU)	C	146.07			
5	Net generation of electricity in MU during financial year	D	1590.41			
5a	Power Imported from CSEB during the year	E	0.00			
5b	Power Imported from Grid during the year	F	0.00			
6	**Consumption**	G	941.13			
I	**Consumption within the State**		941.13			
a	Total Sale to distribution licensee in MU (CSPTrDCL)	H	127.45			
	Consumption other than sale to licensee in MU					
			1	2	3	4 etc
	Name of entity consuming power					
	Whether energy fed through dedicated line/open access					
	Share holding % of the power plant for entities consuming power					
	Energy fed for each entity (MU) out of the net generation including losses if any					
	Total energy fed for share holding entities in MU	I				
	Total energy fed for non share holding entities in MU	J				
	% Consumption w.r.t. net generation of share holding entities	K=I/D				
II	**Supply for inter-State sales**					
a	Energy injected into the transmission/distribution system for inter-state sales in MU	L	521.76			
7	Total Consumption of energy in MU	X=G+H-E-F+L	1590.34			

Note - X Should be equal to D.

BHARAT ALUMINIUM CO. LTD.
balco
KORBA

Billwise Coal Details - (Annexure-5-I)

Monthwise Coal Details for the FY 2022-23

S. No.	Received Month	Type of Coal procured e.g. FSA, E-Auction etc.	Bill No.	Bill Qty	Received Qty	Basic Amount as per invoice	Other taxes and cess related to coal purchase excluding GST	IGST	CGST	SGST	Total	GCV as receive basis
1	Aug-22	E-Auction	9105729266	3,786							4,58,46,991	
2	Apr-22	E-Auction	F29020077219	155							9,49,158	
3	Apr-22	E-Auction	F29020077746	216							13,25,702	
4	Apr-22	E-Auction	F29020073878	334							20,48,332	
5	Apr-22	E-Auction	F29020074020	289							17,75,565	
6	Apr-22	E-Auction	F29020075001	422							25,92,024	
7	Apr-22	E-Auction	F29020075082	1,099							67,46,226	
8	Apr-22	E-Auction	F29020075094	582							35,72,315	
9	Apr-22	E-Auction	F29020075121	388							23,85,330	
10	Apr-22	E-Auction	F29020078252	395							24,28,253	
11	Apr-22	E-Auction	F29020075561	361							22,15,235	
12	Apr-22	E-Auction	F29020075581	260							15,96,258	
13	Apr-22	E-Auction	F29020076334	381							23,39,521	
14	Apr-22	E-Auction	F29020076456	134							8,25,547	
15	Apr-22	E-Auction	F29020076557	136							8,37,460	
16	Apr-22	E-Auction	F29020078291	221							13,58,739	
17	Apr-22	E-Auction	F29020078330	62							3,80,658	
18	Apr-22	E-Auction	F29020078360	188							11,51,983	
19	Apr-22	E-Auction	F29020078377	179							11,01,814	
20	Apr-22	E-Auction	F29020078487	29							1,80,719	
21	Apr-22	E-Auction	F29020078537	60							3,69,789	
22	Apr-22	E-Auction	F29020078562	30							1,83,482	
23	Apr-22	E-Auction	F29020069262	4,031							2,36,56,282	
24	Apr-22	E-Auction	F29020069331	4,002							2,34,84,755	
25	Apr-22	E-Auction	F29020069401	2,080							1,22,04,554	
26	Apr-22	E-Auction	F29020069468	1,253							73,52,754	
27	Apr-22	E-Auction	F29020069568	1,379							80,94,667	
28	Apr-22	E-Auction	F29020069680	1,635							95,94,981	
29	Apr-22	E-Auction	F29020069762	1,485							87,12,408	
30	Apr-22	E-Auction	F29020069821	2,306							1,35,29,939	
31	Apr-22	E-Auction	F29020069990	2,557							1,50,06,663	
32	Apr-22	E-Auction	F29020070052	1,834							1,07,60,575	
33	Apr-22	E-Auction	F29020070419	3,771							2,21,28,563	
34	Apr-22	E-Auction	F29020070494	4,459							2,61,68,737	
35	Apr-22	E-Auction	F29020070568	4,020							2,35,92,729	
36	Apr-22	E-Auction	F29020070799	4,619							2,71,07,820	
37	Apr-22	E-Auction	F29020070880	4,108							2,41,08,776	
38	Apr-22	E-Auction	F29020070962	2,627							1,54,17,669	
39	Apr-22	E-Auction	F29020072485	4,189							2,45,80,753	
40	Apr-22	E-Auction	F29020072582	2,772							1,62,65,795	
41	Apr-22	E-Auction	F29020072766	1,897							1,11,30,328	
42	Apr-22	E-Auction	F29020073158	1,614							94,73,158	
43	Apr-22	E-Auction	F29020073219	2,816							1,65,23,290	
44	Apr-22	E-Auction	F29020073559	1,791							1,05,08,302	
45	Apr-22	E-Auction	F29020070706	357							17,00,515	
46	Apr-22	E-Auction	F29020070717	505							24,06,733	
47	Apr-22	E-Auction	F29020071083	616							29,34,837	
48	Apr-22	E-Auction	F29020071450	901							42,91,791	
49	Apr-22	E-Auction	F29020070102	67							3,19,463	
50	Apr-22	E-Auction	F29020071106	1,132							53,90,670	
51	Apr-22	E-Auction	F29020071436	1,069							50,88,780	
52	Apr-22	E-Auction	F29020069643	995							47,40,124	
53	Apr-22	E-Auction	F29020069651	1,316							62,66,573	
54	Apr-22	E-Auction	F29020069726	2,008							95,62,067	
55	Apr-22	E-Auction	F29020069936	1,418							67,51,910	
56	Apr-22	E-Auction	F29020069940	1,341							63,87,347	
57	Apr-22	E-Auction	F29020069954	1,717							81,77,300	
58	Apr-22	E-Auction	F29020071028	685							32,60,157	
59	Apr-22	E-Auction	F29020069964	1,331							63,40,390	
60	Apr-22	E-Auction	F29020072156	1,132							53,91,860	

S. No.	Received Month	Type of Coal procured e.g. FSA, E-Auction etc.	Bill No.	Bill Qty	Received Qty	Basic Amount as per invoice	Other taxes and cess related to coal purchase excluding GST	IGST	CGST	SGST	Total	GCV as receive basis
61	Apr-22	E-Auction	F29020072289	1,313							62,55,381	
62	Apr-22	E-Auction	F29020073191	1,894							90,20,390	
63	Apr-22	E-Auction	F29020073255	1,348							64,19,494	
64	Apr-22	E-Auction	F29020074041	1,670							79,53,324	
65	Apr-22	E-Auction	F29020075138	1,419							67,57,768	
66	Apr-22	E-Auction	F29020079344	1,842							82,47,574	
67	Apr-22	E-Auction	F29020079521	716							32,06,492	
68	Apr-22	E-Auction	F29020079215	30							1,36,169	
69	Apr-22	E-Auction	F29020077398	106							4,72,719	
70	Apr-22	E-Auction	F29020077463	322							14,41,755	
71	Apr-22	E-Auction	F29020077533	612							27,38,250	
72	Apr-22	E-Auction	F29020077600	433							19,38,296	
73	Apr-22	E-Auction	F29020077721	192							8,59,509	
74	Apr-22	E-Auction	F29020077817	127							5,69,708	
75	Apr-22	E-Auction	F29020077967	89							3,96,130	
76	Apr-22	E-Auction	F29020078062	92							4,08,242	
77	Apr-22	E-Auction	F29020078154	279							12,40,711	
78	Apr-22	E-Auction	F29020079135	100							4,45,601	
79	Apr-22	E-Auction	F29020080968	306							13,62,408	
80	Apr-22	E-Auction	F29020078237	464							20,67,970	
81	Apr-22	E-Auction	F29020082380	91							4,05,971	
82	Apr-22	E-Auction	F29020079166	190							15,54,383	
83	Apr-22	E-Auction	F29020079247	151							12,37,819	
84	Apr-22	E-Auction	F29020079376	345							28,27,194	
85	Apr-22	E-Auction	F29020077404	709							58,13,611	
86	Apr-22	E-Auction	F29020077469	516							42,28,007	
87	Apr-22	E-Auction	F29020077611	1,257							1,03,01,392	
88	Apr-22	E-Auction	F29020077670	772							63,23,408	
89	Apr-22	E-Auction	F29020077836	487							39,89,375	
90	Apr-22	E-Auction	F29020077913	226							18,53,164	
91	Apr-22	E-Auction	F29020077998	523							42,85,452	
92	Apr-22	E-Auction	F29020078093	232							19,00,939	
93	Apr-22	E-Auction	F29020078189	223							18,29,891	
94	Apr-22	E-Auction	F29020077264	61							4,99,143	
95	Apr-22	E-Auction	F29020077290	639							52,34,406	
96	Apr-22	E-Auction	F29020081671	974							79,84,159	
97	May-22	E-Auction	F29020085519	1,297							64,33,225	
98	May-22	E-Auction	F29020085401	384							19,05,500	
99	May-22	E-Auction	F29020085607	159							7,86,464	
100	May-22	E-Auction	F29020083492	244							12,10,052	
101	May-22	E-Auction	F29020086560	272							13,46,652	
102	May-22	E-Auction	F29020086660	152							7,53,530	
103	May-22	E-Auction	F29020091583	1,532							75,99,083	
104	May-22	E-Auction	F29020091587	1,506							74,69,725	
105	May-22	E-Auction	F29020091663	1,248							61,89,290	
106	May-22	E-Auction	F29020091668	1,545							76,61,083	
107	May-22	E-Auction	F29020091704	859							42,62,413	
108	May-22	E-Auction	F29020091707	780							38,67,742	
109	May-22	E-Auction	F29020088777	23							1,15,668	
110	May-22	E-Auction	F29020083096	1,541							68,62,804	
111	May-22	E-Auction	F29020083218	1,225							54,55,778	
112	May-22	E-Auction	F29020083323	1,069							47,58,054	
113	May-22	E-Auction	F29020083414	984							43,81,205	
114	May-22	E-Auction	F29020083538	958							42,65,252	
115	May-22	E-Auction	F29020083754	2,879							1,28,20,825	
116	May-22	E-Auction	F29020083851	3,664							1,63,15,948	
117	May-22	E-Auction	F29020083952	2,481							1,10,48,572	
118	May-22	E-Auction	F29020085103	2,802							1,24,76,482	
119	May-22	E-Auction	F29020085433	4,108							1,82,91,297	
120	May-22	E-Auction	F29020085205	2,396							1,06,68,161	
121	May-22	E-Auction	F29020085320	3,381							1,50,54,309	
122	May-22	E-Auction	F29020085550	4,569							2,03,44,572	
123	May-22	E-Auction	F29020086492	5,150							2,29,32,730	
124	May-22	E-Auction	F29020086598	4,152							1,84,88,828	

BHARAT ALUMINIUM CO. LTD. KORBA

S. No.	Received Month	Type of Coal procured e.g. FSA, E-Auction etc.	Bill No.	Bill Qty	Received Qty	Basic Amount as per invoice	Other taxes and cess related to coal purchase excluding GST	IGST	CGST	SGST	Total	GCV as receive basis
125	May-22	E-Auction	F29020088713	5,100							2,27,10,797	
126	May-22	E-Auction	F29020088899	5,637							2,51,00,578	
127	May-22	E-Auction	F29020088810	2,623							1,16,81,373	
128	May-22	E-Auction	F29020083153	243							19,89,197	
129	May-22	E-Auction	F29020083269	30							2,42,811	
130	May-22	E-Auction	F29020083470	151							12,37,819	
131	May-22	E-Auction	F29020083703	201							16,44,771	
132	May-22	E-Auction	F29020083804	121							9,93,123	
133	May-22	E-Auction	F29020083900	173							14,17,039	
134	May-22	E-Auction	F29020084006	232							19,03,152	
135	May-22	E-Auction	F29020084111	415							33,97,795	
136	May-22	E-Auction	F29020083584	90							7,38,102	
137	May-22	E-Auction	F29020085149	256							20,96,466	
138	May-22	E-Auction	F29020085262	522							42,74,225	
139	May-22	E-Auction	F29020085376	262							21,50,798	
140	May-22	E-Auction	F29020091785	401							30,79,957	
141	May-22	E-Auction	F29020090499	139							10,70,471	
142	May-22	E-Auction	F29020090464	686							52,70,943	
143	May-22	E-Auction	F29020090721	406							31,19,317	
144	May-22	E-Auction	9180025838	5,949							4,22,16,671	
145	May-22	E-Auction	9180025432	2,511							1,78,17,060	
146	May-22	E-Auction	9180025431	2,021							1,43,39,197	
147	May-22	E-Auction	9180025837	3,211							2,27,87,697	
148	May-22	E-Auction	9180025839	2,145							1,52,19,093	
149	May-22	E-Auction	9180026052	2,608							1,85,04,018	
150	May-22	E-Auction	9180025956	2,945							2,08,98,473	
151	May-22	E-Auction	9180026053	4,293							3,04,64,442	
152	May-22	E-Auction	9180026463	3,252							2,30,77,211	
153	May-22	E-Auction	9180025429	923							65,51,967	
154	May-22	E-Auction	9180025430	4,249							3,01,52,859	
155	May-22	E-Auction	F29020083656	1,425							63,45,111	
156	May-22	E-Auction	F29020084058	3,032							1,34,99,446	
157	Jun-22	E-Auction	F29020098175	124							12,24,932	
158	Jun-22	E-Auction	F29020098263	251							24,83,911	
159	Jun-22	E-Auction	F29020098300	246							24,32,344	
160	Jun-22	E-Auction	F29020098406	234							23,17,037	
161	Jun-22	E-Auction	F29020098431	573							56,69,268	
162	Jun-22	E-Auction	F29020098466	515							50,94,215	
163	Jun-22	E-Auction	F29020099591	610							60,32,808	
164	Jun-22	E-Auction	F29020099856	356							35,24,549	
165	Jun-22	E-Auction	F29020099870	802							79,38,796	
166	Jun-22	E-Auction	F29020099904	168							16,58,349	
167	Jun-22	E-Auction	F29020099925	419							41,46,912	
168	Jun-22	E-Auction	F29020099936	314							31,10,135	
169	Jun-22	E-Auction	F29020100112	376							37,25,471	
170	Jun-22	E-Auction	F29020100165	472							46,73,466	
171	Jun-22	E-Auction	F29020100212	450							44,49,780	
172	Jun-22	E-Auction	F29020100224	481							47,62,644	
173	Jun-22	E-Auction	F29020100232	1,087							1,07,55,564	
174	Jun-22	E-Auction	F29020101337	727							71,98,057	
175	Jun-22	E-Auction	F29020101429	584							57,81,309	
176	Jun-22	E-Auction	F29020105393	100							9,86,695	
177	Jun-22	E-Auction	F29020105442	362							35,86,904	
178	Jun-22	E-Auction	F29020098523	37							42,655	
179	Jun-22	E-Auction	F29020098644	411							4,77,368	
180	Jun-22	E-Auction	F29020098662	708							8,22,702	
181	Jun-22	E-Auction	F29020099330	980							11,39,192	
182	Jun-22	E-Auction	F29020099360	238							2,76,648	
183	Jun-22	E-Auction	F29020099390	288							3,34,498	
184	Jun-22	E-Auction	F29020099956	507							5,89,186	
185	Jun-22	E-Auction	F29020099989	1,174							13,65,315	
186	Jun-22	E-Auction	F29020100021	828							9,62,107	
187	Jun-22	E-Auction	F29020100454	772							8,97,968	
188	Jun-22	E-Auction	F29020100985	509							5,91,255	

S. No.	Received Month	Type of Coal procured e.g. FSA, E-Auction etc.	Bill No.	Bill Qty	Received Qty	Basic Amount as per invoice	Other taxes and cess related to coal purchase excluding GST	IGST	CGST	SGST	Total	GCV as receive basis
189	Jun-22	E-Auction	F29020101017	694							8,06,903	
190	Jun-22	E-Auction	F29020101175	373							4,33,190	
191	Jun-22	E-Auction	F29020101200	1,860							21,62,370	
192	Jun-22	E-Auction	F29020101910	1,705							19,81,925	
193	Jun-22	E-Auction	F29020095634	1,063							81,71,015	
194	Jun-22	E-Auction	F29020095680	424							32,60,995	
195	Jun-22	E-Auction	F29020095726	1,164							89,51,517	
196	Jun-22	E-Auction	F29020095775	764							58,69,945	
197	Jun-22	E-Auction	F29020095829	453							34,78,933	
198	Jun-22	E-Auction	F29020095868	1,033							79,43,391	
199	Jun-22	E-Auction	F29020096259	839							64,46,270	
200	Jun-22	E-Auction	F29020096304	393							30,22,917	
201	Jun-22	E-Auction	F29020097156	783							60,17,313	
202	Jun-22	E-Auction	F29020097496	702							53,93,403	
203	Jun-22	E-Auction	F29020097760	952							73,16,176	
204	Jun-22	E-Auction	F29020097846	2,327							1,78,88,351	
205	Jun-22	E-Auction	F29020097943	3,740							2,87,51,494	
206	Jun-22	E-Auction	F29020098343	632							48,58,130	
207	Jun-22	E-Auction	F29020098495	3,532							2,71,51,899	
208	Jun-22	E-Auction	F29020098524	5,115							3,93,24,744	
209	Jun-22	E-Auction	F29020098645	1,642							1,26,24,557	
210	Jun-22	E-Auction	F29020098663	1,877							1,44,25,407	
211	Jun-22	E-Auction	F29020099331	3,584							2,75,54,258	
212	Jun-22	E-Auction	F29020099361	1,931							1,48,44,217	
213	Jun-22	E-Auction	F29020099391	3,178							2,44,28,945	
214	Jun-22	E-Auction	F29020099957	4,170							3,20,54,923	
215	Jun-22	E-Auction	F29020099990	4,189							3,22,02,060	
216	Jun-22	E-Auction	F29020100022	5,729							4,40,43,502	
217	Jun-22	E-Auction	F29020100455	4,291							3,29,87,943	
218	Jun-22	E-Auction	F29020100986	6,138							4,71,85,496	
219	Jun-22	E-Auction	F29020101018	6,345							4,87,73,713	
220	Jun-22	E-Auction	F29020101176	7,635							5,86,90,921	
221	Jun-22	E-Auction	F29020101201	3,745							2,87,88,931	
222	Jun-22	E-Auction	F29020094063	68							12,04,688	
223	Jun-22	E-Auction	F29020094805	254							44,72,896	
224	Jun-22	E-Auction	F29020094809	251							44,08,510	
225	Jun-22	E-Auction	F29020094841	343							60,38,392	
226	Jun-22	E-Auction	F29020096895	468							82,32,092	
227	Jun-22	E-Auction	F29020098277	514							90,43,779	
228	Jun-22	E-Auction	F29020098278	599							1,05,30,639	
229	Jun-22	E-Auction	F29020098280	681							1,19,79,677	
230	Jun-22	E-Auction	F29020098281	454							79,87,038	
231	Jun-22	E-Auction	F29020098305	568							99,87,932	
232	Jun-22	E-Auction	F29020100456	66							5,40,433	
233	Jun-22	E-Auction	F29020101177	72							5,89,808	
234	Jun-22	E-Auction	F29020101906	105							8,17,768	
235	Jul-22	E-Auction	F29020107115	392							43,38,977	
236	Jul-22	E-Auction	F29020108462	1,255							1,39,02,803	
237	Jul-22	E-Auction	F29020108482	212							23,48,369	
238	Jul-22	E-Auction	F29020108541	96							10,61,983	
239	Jul-22	E-Auction	F29020108749	591							65,44,906	
240	Jul-22	E-Auction	F29020109453	30							3,35,497	
241	Jul-22	E-Auction	F29020112662	1,142							1,26,53,079	
242	Jul-22	E-Auction	F29020107101	69							5,62,060	
243	Jul-22	E-Auction	F29020107149	292							23,83,390	
244	Jul-22	E-Auction	F29020107194	180							14,68,359	
245	Jul-22	E-Auction	F29020107622	1,329							1,08,44,324	
246	Jul-22	E-Auction	F29020107638	60							4,88,528	
247	Jul-22	E-Auction	F29020108466	820							66,91,429	
248	Jul-22	E-Auction	F29020108523	508							41,42,939	
249	Jul-22	E-Auction	F29020108542	36							2,94,700	
250	Jul-22	E-Auction	F29020108750	518							42,30,672	
251	Jul-22	E-Auction	F29020107102	30							2,32,694	
252	Jul-22	E-Auction	F29020107135	690							53,57,626	

S. No.	Received Month	Type of Coal procured e.g. FSA, E-Auction etc.	Bill No.	Bill Qty	Received Qty	Basic Amount as per invoice	Other taxes and cess related to coal purchase excluding GST	IGST	CGST	SGST	Total	GCV as receive basis
253	Jul-22	E-Auction	F29020107168	1,565							1,21,53,666	
254	Jul-22	E-Auction	F29020107195	803							62,39,781	
255	Jul-22	E-Auction	F29020107600	1,422							1,10,44,410	
256	Jul-22	E-Auction	F29020107623	59							4,58,786	
257	Jul-22	E-Auction	F29020107639	775							60,16,718	
258	Jul-22	E-Auction	F29020108471	1,547							1,20,17,825	
259	Jul-22	E-Auction	F29020108483	1,295							1,00,54,529	
260	Jul-22	E-Auction	F29020108493	1,488							1,15,60,670	
261	Jul-22	E-Auction	F29020108502	1,562							1,21,33,473	
262	Jul-22	E-Auction	F29020108543	1,353							1,05,11,684	
263	Jul-22	E-Auction	F29020108777	2,323							1,80,44,407	
264	Jul-22	E-Auction	F29020108794	690							53,61,199	
265	Jul-22	E-Auction	F29020109525	999							77,57,494	
266	Jul-22	E-Auction	F29020111751	1,559							1,21,05,434	
267	Jul-22	E-Auction	F29020111754	1,796							1,39,49,742	
268	Jul-22	E-Auction	F29020111757	847							65,79,967	
269	Jul-22	E-Auction	F29020111759	2,710							2,10,51,717	
270	Jul-22	E-Auction	F29020111762	1,747							1,35,66,217	
271	Jul-22	E-Auction	F29020111764	1,808							1,40,45,119	
272	Jul-22	E-Auction	F29020111769	660							51,26,486	
273	Jul-22	E-Auction	F29020111773	969							75,26,897	
274	Jul-22	E-Auction	F29020111778	1,056							82,02,999	
275	Jul-22	E-Auction	F29020111854	140							10,87,121	
276	Aug-22	E-Auction	F29020115268	3,268							2,06,93,348	
277	Aug-22	E-Auction	F29020115305	2,826							1,78,92,845	
278	Aug-22	E-Auction	F29020115345	2,691							1,70,38,296	
279	Aug-22	E-Auction	F29020115366	3,270							2,07,01,389	
280	Aug-22	E-Auction	F29020115405	2,323							1,47,05,050	
281	Aug-22	E-Auction	F29020115441	2,590							1,64,01,104	
282	Aug-22	E-Auction	F29020116981	1,089							68,96,917	
283	Aug-22	E-Auction	F29020117060	2,469							1,56,33,169	
284	Aug-22	E-Auction	F29020117319	2,696							1,70,72,549	
285	Aug-22	E-Auction	F29020117354	2,842							1,79,90,981	
286	Aug-22	E-Auction	F29020117390	3,598							2,27,80,240	
287	Aug-22	E-Auction	F29020117429	1,775							1,12,38,483	
288	Aug-22	E-Auction	F29020117488	2,210							1,39,90,361	
289	Aug-22	E-Auction	F29020117536	4,327							2,73,97,981	
290	Aug-22	E-Auction	F29020117577	2,841							1,79,89,145	
291	Aug-22	E-Auction	F29020117786	6,900							4,36,83,664	
292	Aug-22	E-Auction	F29020117823	4,170							2,64,02,242	
293	Aug-22	E-Auction	F29020117954	6,144							3,89,00,863	
294	Aug-22	E-Auction	F29020118529	3,105							1,96,57,278	
295	Aug-22	E-Auction	F29020118579	2,783							1,76,18,315	
296	Aug-22	E-Auction	F29020118622	4,716							2,98,61,275	
297	Aug-22	E-Auction	F29020118760	6,143							3,88,96,685	
298	Aug-22	E-Auction	F29020118828	3,559							2,25,33,252	
299	Aug-22	E-Auction	F29020119531	3,510							2,22,23,267	
300	Aug-22	E-Auction	F29020119573	5,595							3,54,24,230	
301	Aug-22	E-Auction	F29020119584	4,646							2,94,12,695	
302	Aug-22	E-Auction	F29020119976	4,147							2,62,58,266	
303	Aug-22	E-Auction	F29020120050	3,677							2,32,82,636	
304	Aug-22	E-Auction	F29020120073	183							11,60,355	
305	Aug-22	E-Auction	F29020117967	520							32,69,772	
306	Aug-22	E-Auction	F29020117983	568							35,73,587	
307	Aug-22	E-Auction	F29020118510	148							9,32,971	
308	Aug-22	E-Auction	F29020118545	320							20,16,307	
309	Aug-22	E-Auction	F29020118497	180							12,35,906	
310	Aug-22	E-Auction	F29020118501	165							11,34,282	
311	Aug-22	E-Auction	F29020118546	1,540							1,05,84,320	
312	Aug-22	E-Auction	F29020118593	1,763							1,21,14,721	
313	Aug-22	E-Auction	F29020118638	1,162							79,81,339	
314	Aug-22	E-Auction	F29020118769	101							6,94,394	
315	Aug-22	E-Auction	F29020118850	215							14,79,280	
316	Aug-22	E-Auction	F29020119542	1,197							82,24,370	

BHARAT ALUMINIUM CO. LTD.
KORBA

S. No.	Received Month	Type of Coal procured e.g. FSA, E-Auction etc.	Bill No.	Bill Qty	Received Qty	Basic Amount as per invoice	Other taxes and cess related to coal purchase excluding GST	IGST	CGST	SGST	Total	GCV as receive basis
317	Aug-22	E-Auction	F29020119588	311							21,33,959	
318	Aug-22	E-Auction	F29020119985	1,178							80,95,330	
319	Aug-22	E-Auction	F29020120061	1,084							74,47,316	
320	Aug-22	E-Auction	F29020121347	175							12,03,337	
321	Aug-22	E-Auction	F29020122571	39							3,59,371	
322	Aug-22	E-Auction	F29020122572	193							17,98,437	
323	Aug-22	E-Auction	F29020122573	194							17,99,925	
324	Aug-22	E-Auction	F29020122574	302							28,04,379	
325	Jun-22	E-Auction	9180027229	4,081							2,89,60,457	
326	May-22	E-Auction	9180026465	955							67,75,277	
327	May-22	E-Auction	9180026464	68							4,79,260	
328	May-22	E-Auction	9180026466	431							30,55,158	
329	May-22	E-Auction	9180025433	358							25,38,857	
330	Jul-22	E-Auction	9110025744	177							12,33,307	
331	Aug-22	E-Auction	9110025972	1,135							78,86,577	
332	Aug-22	E-Auction	9110026017	491							34,14,291	
333	Aug-22	E-Auction	9110026063	1,786							1,24,11,832	
334	Aug-22	E-Auction	9110026118	696							48,39,456	
335	Aug-22	E-Auction	9110026177	1,830							1,27,21,862	
336	Aug-22	E-Auction	9110026355	663							46,08,323	
337	Aug-22	E-Auction	9110026400	1,025							71,26,517	
338	Aug-22	E-Auction	9110026450	679							47,21,074	
339	Aug-22	E-Auction	9110026504	214							14,90,368	
340	Aug-22	E-Auction	9110026602	700							48,68,095	
341	Aug-22	E-Auction	9110026633	739							51,37,738	
342	Aug-22	E-Auction	9110026668	1,152							80,09,407	
343	Aug-22	E-Auction	9110026723	1,079							74,97,441	
344	Aug-22	E-Auction	9110026779	1,835							1,27,53,768	
345	Aug-22	E-Auction	9110026911	1,746							1,21,37,462	
346	Aug-22	E-Auction	9110027010	2,083							1,44,78,119	
347	Aug-22	E-Auction	9110027359	29							2,01,380	
348	Aug-22	E-Auction	9110027417	326							22,62,732	
349	Jul-22	E-Auction	9100048137	269							20,00,269	
350	Jul-22	E-Auction	9100048266	955							70,89,475	
351	Jul-22	E-Auction	9100048474	553							41,02,249	
352	Jul-22	E-Auction	9100048580	580							43,08,490	
353	Jul-22	E-Auction	9100049001	444							32,99,038	
354	Aug-22	E-Auction	9100049097	410							30,40,606	
355	Aug-22	E-Auction	9100049203	659							48,95,512	
356	Aug-22	E-Auction	9100049310	161							11,92,678	
357	Aug-22	E-Auction	9100049419	801							59,50,325	
358	Aug-22	E-Auction	9100049572	796							59,08,750	
359	Aug-22	E-Auction	9100049679	684							50,79,851	
360	Aug-22	E-Auction	9100049891	850							63,11,877	
361	Aug-22	E-Auction	9100049952	464							34,46,331	
362	Aug-22	E-Auction	9100050021	265							19,67,678	
363	Aug-22	E-Auction	9100050165	885							65,66,969	
364	Aug-22	E-Auction	9100050268	832							61,74,383	
365	Aug-22	E-Auction	9100050652	722							53,59,813	
366	Aug-22	E-Auction	9100050707	495							36,72,023	
367	Aug-22	E-Auction	9100050769	564							41,85,398	
368	Aug-22	E-Auction	9100050823	1,010							74,94,756	
369	Aug-22	E-Auction	9100050913	867							64,38,161	
370	Aug-22	E-Auction	9100051698	781							57,97,686	
371	Aug-22	E-Auction	9100052060	117							8,70,993	
372	Aug-22	E-Auction	9100051084	457							33,94,808	
373	Aug-22	E-Auction	9100051231	670							49,74,801	
374	Aug-22	E-Auction	9100052013	599							44,48,062	
375	Aug-22	E-Auction	9100051944	723							53,65,233	
376	Aug-22	E-Auction	9100052585	1,130							83,88,021	
377	Aug-22	E-Auction	9180030691	2,903							2,12,09,034	
378	Aug-22	E-Auction	9180030690	5,536							4,23,59,471	
379	Aug-22	E-Auction	9180030859	423							30,88,723	
380	Aug-22	E-Auction	9180030860	493							36,01,587	

S. No.	Received Month	Type of Coal procured e.g. FSA, E-Auction etc.	Bill No.	Bill Qty	Received Qty	Basic Amount as per invoice	Other taxes and cess related to coal purchase excluding GST	IGST	CGST	SGST	Total	GCV as receive basis
381	Aug-22	E-Auction	9180030861	1,175							85,85,543	
382	Aug-22	E-Auction	9180030862	2,927							2,13,83,520	
383	Aug-22	E-Auction	9180031107	31							2,22,857	
384	Aug-22	E-Auction	9180031108	91							6,63,164	
385	Aug-22	E-Auction	9180031234	218							15,93,171	
386	Aug-22	E-Auction	9180031369	30							2,29,640	
387	Aug-22	E-Auction	9180031624	583							42,63,070	
388	Aug-22	E-Auction	9180031768	2,739							2,00,16,202	
389	Aug-22	E-Auction	9180031817	3,884							2,83,80,130	
390	Aug-22	E-Auction	9180031818	2,363							1,72,65,709	
391	Aug-22	E-Auction	9180031985	3,143							2,29,67,046	
392	Aug-22	E-Auction	9180032008	1,295							94,59,508	
393	Aug-22	E-Auction	9180031850	4,046							2,95,64,779	
394	Aug-22	E-Auction	9180032068	3,949							2,88,53,610	
395	Aug-22	E-Auction	9180031625	2,414							1,76,41,132	
396	Jul-22	E-Auction	9180030475	1,758							1,28,45,471	
397	Aug-22	E-Auction	9180030613	3,419							2,77,04,477	
398	Aug-22	E-Auction	9180030614	4,569							3,70,19,387	
399	Aug-22	E-Auction	9180030749	159							12,90,893	
400	Aug-22	E-Auction	9180030750	443							35,87,937	
401	Aug-22	E-Auction	9180030751	288							23,30,753	
402	Aug-22	E-Auction	9180030980	242							19,62,795	
403	Aug-22	E-Auction	9180031051	31							2,47,952	
404	Aug-22	E-Auction	9180031461	1,191							96,47,134	
405	Aug-22	E-Auction	9180031462	60							4,86,100	
406	Aug-22	E-Auction	9180031240	601							48,65,865	
407	Aug-22	E-Auction	9180031562	1,837							1,48,81,444	
408	Aug-22	E-Auction	9180031563	1,330							1,07,78,965	
409	Aug-22	E-Auction	9180031727	3,483							2,82,20,396	
410	Aug-22	E-Auction	9180031728	5,463							4,42,67,622	
411	Aug-22	E-Auction	9180031902	2,648							2,14,57,452	
412	Aug-22	E-Auction	9180031903	11,379							9,22,04,859	
413	Aug-22	E-Auction	9180031904	10,570							8,56,49,919	
414	Jul-22	E-Auction	9320078183	590							63,42,426	
415	Jul-22	E-Auction	9320078668	3,762							4,04,57,146	
416	Jul-22	E-Auction	9320078715	1,241							1,33,41,687	
417	Jul-22	E-Auction	9320079506	1,454							1,56,33,624	
418	Jul-22	E-Auction	9320079536	117							12,61,839	
419	Jul-22	E-Auction	9320079564	576							61,94,455	
420	Jul-22	E-Auction	9320079604	687							73,91,342	
421	Jul-22	E-Auction	9320079649	1,225							1,31,71,994	
422	Jul-22	E-Auction	9320079700	963							1,03,57,535	
423	Jul-22	E-Auction	9320079751	2,146							2,30,76,906	
424	Jul-22	E-Auction	9320079955	578							62,16,822	
425	Jul-22	E-Auction	9320079977	1,390							1,49,49,473	
426	Jul-22	E-Auction	9320080030	721							77,53,741	
427	Jul-22	E-Auction	9320080417	56							5,99,089	
428	Jul-22	E-Auction	9320081412	350							37,62,720	
429	Jul-22	E-Auction	9320081900	1,021							1,09,80,067	
430	Aug-22	E-Auction	9320085416	209							22,52,255	
431	Aug-22	E-Auction	9320085461	1,085							1,16,69,379	
432	Aug-22	E-Auction	9320085516	637							68,48,817	
433	Aug-22	E-Auction	9320085564	1,029							1,10,66,742	
434	Aug-22	E-Auction	9320085798	804							86,45,116	
435	Aug-22	E-Auction	9320085867	1,495							1,60,80,010	
436	Aug-22	E-Auction	9320085956	1,236							1,32,95,662	
437	Aug-22	E-Auction	9320086147	3,397							3,65,34,733	
438	Sep-22	E-Auction	F29020125938	3,671							2,32,43,635	
439	Sep-22	E-Auction	F29020125984	4,099							2,59,51,447	
440	Sep-22	E-Auction	F29020126051	3,058							1,93,62,552	
441	Sep-22	E-Auction	F29020126091	2,915							1,84,54,566	
442	Sep-22	E-Auction	F29020126358	2,358							1,49,26,332	
443	Sep-22	E-Auction	F29020126451	1,734							1,09,77,630	
444	Sep-22	E-Auction	F29020126493	3,289							2,08,21,812	

S. No.	Received Month	Type of Coal procured e.g. FSA, E-Auction etc.	Bill No.	Bill Qty	Received Qty	Basic Amount as per invoice	Other taxes and cess related to coal purchase excluding GST	IGST	CGST	SGST	Total	GCV as receive basis
445	Sep-22	E-Auction	F29020127370	2,127							1,34,66,312	
446	Aug-22	E-Auction	F29020118592	30							1,90,333	
447	Aug-22	E-Auction	F29020118786	62							3,89,037	
448	Aug-22	E-Auction	F29020118860	293							18,45,108	
449	Aug-22	E-Auction	F29020119541	213							13,38,498	
450	Aug-22	E-Auction	F29020119984	2,082							1,31,04,832	
451	Aug-22	E-Auction	F29020120060	886							55,75,670	
452	Sep-22	E-Auction	F29020125950	2,043							1,28,58,545	
453	Sep-22	E-Auction	F29020125997	2,369							1,49,13,372	
454	Sep-22	E-Auction	F29020126494	1,710							1,07,64,695	
455	Sep-22	E-Auction	F29020132358	3,132							1,97,13,046	
456	Sep-22	E-Auction	F29020132360	1,186							74,65,340	
457	Sep-22	E-Auction	F29020132363	789							49,63,949	
458	Sep-22	E-Auction	F29020132364	282							17,76,377	
459	Sep-22	E-Auction	F29020132369	863							54,28,640	
460	Sep-22	E-Auction	F29020132400	489							30,79,691	
461	Sep-22	E-Auction	F29020132410	38							2,38,545	
462	Sep-22	E-Auction	F29020132420	328							20,64,835	
463	Sep-22	E-Auction	F29020132445	30							1,88,571	
464	Sep-22	E-Auction	F29020125951	1,583							1,08,75,311	
465	Sep-22	E-Auction	F29020125998	2,284							1,56,91,475	
466	Sep-22	E-Auction	F29020126055	1,853							1,27,32,571	
467	Sep-22	E-Auction	F29020126109	2,193							1,50,70,808	
468	Sep-22	E-Auction	F29020126383	2,039							1,40,10,734	
469	Sep-22	E-Auction	F29020126472	2,184							1,50,04,845	
470	Sep-22	E-Auction	F29020126495	1,543							1,06,00,810	
471	Sep-22	E-Auction	F29020127389	2,250							1,54,60,193	
472	Sep-22	E-Auction	F29020127437	2,527							1,73,63,971	
473	Sep-22	E-Auction	F29020127486	2,648							1,81,97,848	
474	Sep-22	E-Auction	F29020128922	2,383							1,63,71,233	
475	Sep-22	E-Auction	F29020128969	1,275							87,60,522	
476	Sep-22	E-Auction	F29020131039	19							1,30,207	
477	Sep-22	E-Auction	F29020132411	3,112							2,13,80,269	
478	Sep-22	E-Auction	F29020132431	2,563							1,76,08,513	
479	Sep-22	E-Auction	F29020132440	1,652							1,13,48,387	
480	Sep-22	E-Auction	F29020132446	1,855							1,27,46,107	
481	Sep-22	E-Auction	F29020132451	754							51,80,676	
482	Sep-22	E-Auction	F29020132462	1,078							74,06,777	
483	Sep-22	E-Auction	F29020132470	1,741							1,19,60,396	
484	Sep-22	E-Auction	F29020133360	433							29,76,494	
485	Sep-22	E-Auction	F29020133372	261							17,96,588	
486	Apr-22	Import	TX2223000177	1,59,270							1,39,35,60,136	
487	Apr-22	Import	93169770	73,836							1,15,77,29,721	
488	Apr-22	FSA	F29020073844	3,741							67,66,778	
489	Jun-22	FSA	F29020096007	3,551							64,23,604	
490	Jun-22	FSA	F29020101313	3,815							69,01,189	
491	Jun-22	FSA	F29020097743	3,735							67,56,738	
492	Jun-22	FSA	F29020097653	3,744							67,72,657	
493	Jun-22	FSA	F29020097651	3,736							67,58,833	
494	Jun-22	FSA	F29020097650	3,609							65,28,528	
495	Jun-22	FSA	F29020097446	3,419							61,85,445	
496	Jun-22	FSA	F29020099915	3,723							67,34,939	
497	Jun-22	FSA	F29020098410	3,667							66,33,159	
498	Jun-22	FSA	F29020100429	3,540							64,04,790	
499	Jun-22	FSA	F29020099909	3,540							64,04,090	
500	Jun-22	FSA	F29020098793	3,725							67,14,407	
501	Jun-22	FSA	F29020099908	3,855							69,74,093	
502	Jun-22	FSA	F29020099671	3,767							67,77,139	
503	Jun-22	FSA	F29020100811	3,856							69,75,869	
504	Jun-22	FSA	F29020101073	3,866							69,94,535	
505	Jun-22	FSA	F29020101671	3,842							69,31,273	
506	Jul-22	FSA	F29020102817	3,716							67,22,909	
507	Jun-22	FSA	F29020101091	3,815							69,01,641	
508	Jul-22	FSA	F29020104652	3,772							67,94,533	

S. No.	Received Month	Type of Coal procured e.g. FSA, E-Auction etc.	Bill No.	Bill Qty	Received Qty	Basic Amount as per invoice	Other taxes and cess related to coal purchase excluding GST	IGST	CGST	SGST	Total	GCV as receive basis
509	Jul-22	FSA	F29020104658	3,571							64,40,837	
510	Jul-22	FSA	F29020105055	3,836							69,40,242	
511	Jul-22	FSA	F29020105056	3,656							66,14,186	
512	Jul-22	FSA	F29020105085	3,742							67,54,044	
513	Jul-22	FSA	F29020105090	3,826							69,04,078	
514	Jul-22	FSA	F29020105289	3,695							66,84,738	
515	Jul-22	FSA	F29020105288	3,585							64,84,749	
516	Jul-22	FSA	F29020105729	3,685							66,65,562	
517	Jul-22	FSA	F29020105911	3,769							68,18,335	
518	Jul-22	FSA	F29020105913	3,681							66,59,412	
519	Jul-22	FSA	F29020106380	3,513							63,55,223	
520	Jul-22	FSA	F29020106157	3,440							62,07,362	
521	Jul-22	FSA	F29020106946	3,524							63,75,303	
522	Jul-22	FSA	F29020107062	3,746							67,51,321	
523	Jul-22	FSA	F29020107894	3,640							65,84,703	
524	Jul-22	FSA	F29020108056	3,557							64,25,048	
525	Jul-22	FSA	F29020108233	3,520							63,49,461	
526	Jul-22	FSA	F29020108261	3,697							66,74,541	
527	Jul-22	FSA	F29020108807	3,764							68,08,252	
528	Jul-22	FSA	F29020109806	3,472							62,71,838	
529	Jul-22	FSA	F29020109144	3,889							70,20,130	
530	Jul-22	FSA	F29020109864	3,515							63,58,117	
531	Jul-22	FSA	F29020109863	3,828							69,25,520	
532	Jul-22	FSA	F29020110573	3,498							63,28,720	
533	Jul-22	FSA	F29020110793	3,385							61,22,672	
534	Jul-22	FSA	F29020111230	3,787							68,51,440	
535	Aug-22	FSA	F29020111703	3,820							69,09,691	
536	Aug-22	FSA	F29020111802	3,800							68,73,420	
537	Aug-22	FSA	F29020111808	3,629							65,63,982	
538	Aug-22	FSA	F29020113600	3,619							65,45,985	
539	Aug-22	FSA	F29020113131	3,972							71,76,191	
540	Aug-22	FSA	F29020113360	3,827							69,23,621	
541	Aug-22	FSA	F29020113329	3,823							69,16,001	
542	Aug-22	FSA	F29020113599	3,795							68,64,737	
543	Aug-22	FSA	F29020114375	3,349							60,58,513	
544	Aug-22	FSA	F29020115672	3,620							61,49,432	
545	Aug-22	FSA	F29020113956	3,409							61,40,890	
546	Aug-22	FSA	F29020114401	3,518							63,64,720	
547	Aug-22	FSA	F29020114443	3,412							61,52,417	
548	Aug-22	FSA	F29020116635	3,611							65,56,859	
549	Aug-22	FSA	F29020119667	3,264							55,44,881	
550	Aug-22	FSA	F29020118802	3,911							71,28,877	
551	Aug-22	FSA	F29020118077	3,854							70,07,732	
552	Aug-22	FSA	F29020120005	3,613							65,57,555	
553	Aug-22	FSA	F29020119376	3,808							69,41,050	
554	Sep-22	FSA	F29020122712	3,878							70,51,666	
555	Sep-22	FSA	F29020122716	3,818							69,43,399	
556	Sep-22	FSA	F29020122355	3,762							68,56,551	
557	Sep-22	FSA	F29020123856	3,873							70,59,250	
558	Sep-22	FSA	F29020123857	3,822							69,66,637	
559	Sep-22	FSA	F29020125876	3,691							67,27,522	
560	Sep-22	FSA	F29020126569	3,547							64,42,742	
561	Sep-22	FSA	F29020129014	3,631							66,18,981	
562	Sep-22	FSA	F29020131759	3,531							64,36,204	
563	Oct-22	FSA	F29020138035	3,466							63,17,510	
564	Oct-22	FSA	F29020135284	3,871							70,54,946	
565	Oct-22	FSA	F29020135287	3,904							71,14,809	
566	Oct-22	FSA	F29020136720	3,830							69,80,087	
567	Oct-22	FSA	F29020136697	3,837							69,92,672	
568	Oct-22	FSA	F29020136979	3,784							68,96,155	
569	Oct-22	FSA	F29020138404	3,846							70,10,282	
570	Oct-22	FSA	F29020138929	3,905							71,17,530	
571	Oct-22	FSA	F29020138928	3,853							70,23,344	
572	Oct-22	FSA	F29020139237	3,660							66,70,857	

BHARAT ALUMINIUM CO. LTD. KORBA

S. No.	Received Month	Type of Coal procured e.g. FSA, E-Auction etc.	Bill No.	Bill Qty	Received Qty	Basic Amount as per invoice	Other taxes and cess related to coal purchase excluding GST	IGST	CGST	SGST	Total	GCV as receive basis
573	Oct-22	FSA	F29020140088	3,776							68,82,867	
574	Oct-22	FSA	F29020141087	3,723							67,84,926	
575	Oct-22	FSA	F29020141980	3,915							71,35,074	
576	Oct-22	FSA	F29020136372	3,606							65,44,432	
577	Oct-22	FSA	F29020136929	3,534							64,30,073	
578	Oct-22	FSA	F29020141367	3,684							66,91,673	
579	Nov-22	FSA	F29020146653	3,789							68,86,868	
580	Nov-22	FSA	F29020147362	3,856							70,28,290	
581	Nov-22	FSA	F29020148238	3,790							69,07,145	
582	Nov-22	FSA	F29020149698	4,049							68,83,803	
583	Nov-22	FSA	F29020148447	3,903							71,14,023	
584	Nov-22	FSA	F29020148755	3,734							67,88,675	
585	Nov-22	FSA	F29020149438	3,791							69,09,153	
586	Nov-22	FSA	F29020150231	3,782							68,93,083	
587	Nov-22	FSA	F29020150252	3,726							67,91,396	
588	Nov-22	FSA	F29020151108	3,848							70,13,103	
589	Nov-22	FSA	F29020151130	3,731							67,88,382	
590	Nov-22	FSA	F29020152059	3,851							70,19,961	
591	Nov-22	FSA	F29020152060	3,790							69,08,197	
592	Nov-22	FSA	F29020152285	3,824							69,55,211	
593	Nov-22	FSA	F29020152927	3,907							71,08,863	
594	Nov-22	FSA	F29020154926	3,786							68,99,888	
595	Oct-22	FSA	F29020143481	3,915							71,36,259	
596	Dec-22	FSA	F29020169558	3,851							69,32,414	
597	Dec-22	FSA	F29020167546	3,791							68,25,123	
598	Dec-22	FSA	F29020168487	3,800							68,39,885	
599	Dec-22	FSA	F29020169199	3,729							67,12,072	
600	Dec-22	FSA	F29020169665	3,806							68,50,956	
601	Nov-22	FSA	F29020154927	3,854							70,25,145	
602	Nov-22	FSA	F29020154832	3,849							69,94,722	
603	Dec-22	FSA	F29020156927	3,726							67,90,967	
604	Dec-22	FSA	F29020156930	3,790							69,07,753	
605	Dec-22	FSA	F29020157229	3,857							70,30,270	
606	Dec-22	FSA	F29020157228	3,660							66,71,091	
607	Dec-22	FSA	F29020157234	3,857							70,29,567	
608	Dec-22	FSA	F29020167597	3,798							68,36,914	
609	Dec-22	FSA	F29020167581	3,859							69,46,545	
610	Dec-22	FSA	F29020167574	3,793							68,28,183	
611	Dec-22	FSA	F29020167566	3,796							68,32,594	
612	Dec-22	FSA	F29020167569	3,861							69,50,146	
613	Dec-22	FSA	F29020167554	3,733							67,20,892	
614	Dec-22	FSA	F29020167551	3,533							63,60,766	
615	Dec-22	FSA	F29020166352	3,868							69,49,743	
616	Dec-22	FSA	F29020168257	3,756							67,47,319	
617	Dec-22	FSA	F29020168488	3,727							67,08,471	
618	Dec-22	FSA	F29020169201	3,856							69,41,775	
619	Dec-22	FSA	F29020169666	3,727							67,09,461	
620	Jan-23	FSA	F29020174913	3,786							68,15,852	
621	Jan-23	FSA	F29020180873	3,855							70,26,351	
622	Jan-23	FSA	F29020184174	3,910							70,97,198	
623	Dec-22	FSA	F29020172176	3,871							69,68,688	
624	Dec-22	FSA	F29020172173	3,798							68,36,374	
625	Jan-23	FSA	F29020172365	3,795							68,31,964	
626	Jan-23	FSA	F29020172362	3,801							68,41,681	
627	Jan-23	FSA	F29020172532	3,801							68,41,685	
628	Jan-23	FSA	F29020175871	3,863							69,54,106	
629	Jan-23	FSA	F29020175916	3,863							69,53,476	
630	Jan-23	FSA	F29020177647	3,804							69,00,609	
631	Jan-23	FSA	F29020177822	3,858							69,45,825	
632	Jan-23	FSA	F29020177824	3,864							69,55,186	
633	Jan-23	FSA	F29020177910	3,798							68,36,824	
634	Jan-23	FSA	F29020178699	3,793							68,28,903	
635	Jan-23	FSA	F29020179591	3,898							70,76,225	
636	Jan-23	FSA	F29020179302	3,794							68,30,614	

BHARAT ALUMINIUM CO. LTD. ★ KORBA ★

S. No.	Received Month	Type of Coal procured e.g. FSA, E-Auction etc.	Bill No.	Bill Qty	Received Qty	Basic Amount as per invoice	Other taxes and cess related to coal purchase excluding GST	IGST	CGST	SGST	Total	GCV as receive basis
637	Jan-23	FSA	F29020180796	3,799							68,39,164	
638	Jan-23	FSA	F29020179963	3,765							68,34,795	
639	Jan-23	FSA	F29020181825	3,694							67,03,877	
640	Jan-23	FSA	F29020182195	3,854							69,38,445	
641	Jan-23	FSA	F29020183056	3,666							65,99,740	
642	Jan-23	FSA	F29020184180	3,749							69,22,437	
643	Jan-23	FSA	F29020184411	3,856							69,41,552	
644	Jan-23	FSA	F29020184926	3,859							69,46,815	
645	Jan-23	FSA	F29020185714	3,859							69,47,626	
646	Jan-23	FSA	F29020185730	3,735							67,22,963	
647	Jan-23	FSA	F29020185988	3,860							69,48,976	
648	Jan-23	FSA	F29020188665	3,835							69,60,053	
649	Jan-23	FSA	F29020188830	3,858							69,44,835	
650	Jan-23	FSA	F29020189365	3,854							69,37,454	
651	Feb-23	FSA	F29020190612	3,790							68,80,719	
652	Feb-23	FSA	F29020190620	3,803							69,04,087	
653	Feb-23	FSA	F29020191103	3,856							69,40,695	
654	Feb-23	FSA	F29020202652	3,756							68,19,035	
655	Feb-23	FSA	F29020203103	3,956							71,82,836	
656	Feb-23	FSA	F29020203597	3,859							71,96,164	
657	Mar-23	FSA	F29020205638	3,856							69,41,775	
658	Mar-23	FSA	F29020205646	3,806							68,51,766	
659	Mar-23	FSA	F29020205651	3,734							67,21,703	
660	Mar-23	FSA	F29020208925	3,862							69,51,496	
661	Mar-23	FSA	F29020210618	3,525							63,99,374	
662	Mar-23	FSA	F29020210839	3,798							68,36,914	
663	Feb-23	FSA	F29020203632	3,807							69,10,294	
664	Feb-23	FSA	F29020203111	3,678							66,21,432	
665	Mar-23	FSA	F29020203625	3,730							67,14,592	
666	Mar-23	FSA	F29020203633	3,858							69,45,015	
667	Mar-23	FSA	F29020205655	3,862							69,53,026	
668	Mar-23	FSA	F29020209589	3,687							68,76,461	
669	Mar-23	FSA	F29020211223	3,693							67,04,973	
670	Mar-23	FSA	F29020211212	3,865							69,57,076	
671	Mar-23	FSA	F29020211389	3,726							67,06,581	
672	Mar-23	FSA	F29020213698	3,799							68,93,648	
673	Mar-23	FSA	F29020214501	3,665							66,54,802	
674	Mar-23	FSA	F29020215343	3,675							67,90,833	
675	Mar-23	FSA	F29020216439	3,795							68,31,604	
676	Mar-23	FSA	F29020217674	3,811							71,04,028	
677	Mar-23	FSA	F29020217118	3,894							70,10,632	
678	Mar-23	FSA	F29020217681	3,741							69,73,911	
679	Mar-23	FSA	F29020217813	3,859							69,46,005	
680	Mar-23	FSA	F29020218311	3,766							67,78,588	
681	Mar-23	FSA	F29020219122	3,563							65,40,453	
682	Mar-23	FSA	F29020219318	3,703							68,35,255	
683	Mar-23	FSA	F29020219135	3,701							66,61,666	
684	Mar-23	FSA	F29020219564	3,757							69,29,310	
685	May-22	FSA	F29020086879	1,680							29,82,084	
686	May-22	FSA	F29020087111	1,987							35,27,470	
687	May-22	FSA	F29020087568	896							15,90,834	
688	May-22	FSA	F29020087659	832							14,77,798	
689	May-22	FSA	F29020093252	282							5,01,464	
690	May-22	FSA	F29020093483	36							64,694	
691	May-22	FSA	F29020079900	93							1,64,504	
692	May-22	FSA	F29020080857	316							5,60,867	
693	May-22	FSA	F29020081463	650							11,53,247	
694	May-22	FSA	F29020082335	679							12,05,247	
695	May-22	FSA	F29020082512	562							9,98,082	
696	May-22	FSA	F29020082581	641							11,38,795	
697	May-22	FSA	F29020082668	584							10,36,642	
698	May-22	FSA	F29020082816	553							9,82,618	
699	May-22	FSA	F29020082906	375							6,65,009	
700	May-22	FSA	F29020083513	887							15,73,915	

BHARAT ALUMINIUM CO. LTD. balco KORBA

S. No.	Received Month	Type of Coal procured e.g. FSA, E-Auction etc.	Bill No.	Bill Qty	Received Qty	Basic Amount as per invoice	Other taxes and cess related to coal purchase excluding GST	IGST	CGST	SGST	Total	GCV as receive basis
701	May-22	FSA	F29020084246	824							14,62,210	
702	May-22	FSA	F29020084819	792							14,06,748	
703	May-22	FSA	F29020084884	1,061							18,83,003	
704	May-22	FSA	F29020084950	1,009							17,91,359	
705	May-22	FSA	F29020085711	1,404							24,91,698	
706	May-22	FSA	F29020086022	1,663							29,52,080	
707	Jun-22	FSA	F29020094824	36							64,001	
708	Jun-22	FSA	F29020094911	62							1,09,965	
709	Jun-22	FSA	F29020095123	593							10,52,727	
710	Jun-22	FSA	F29020095231	59							1,05,207	
711	Jun-22	FSA	F29020095307	127							2,25,611	
712	Jun-22	FSA	F29020095370	1,639							29,10,661	
713	Jun-22	FSA	F29020095977	3,084							54,74,438	
714	Jun-22	FSA	F29020096063	4,806							85,31,725	
715	Jun-22	FSA	F29020095654	30							56,985	
716	Jun-22	FSA	F29020095754	1,042							19,88,337	
717	Jun-22	FSA	F29020095805	280							5,34,623	
718	Jun-22	FSA	F29020095886	1,507							28,76,760	
719	Jun-22	FSA	F29020096284	4,130							78,81,419	
720	Jun-22	FSA	F29020100195	30							53,953	
721	Jun-22	FSA	F29020100589	37							66,220	
722	Jun-22	FSA	F29020100590	545							9,68,238	
723	Jun-22	FSA	F29020101495	263							4,67,378	
724	Jun-22	FSA	F29020101496	31							55,160	
725	Jun-22	FSA	F29020101497	30							53,917	
726	Jun-22	FSA	F29020101498	902							16,00,705	
727	Jun-22	FSA	F29020101499	557							9,88,939	
728	Jun-22	FSA	F29020102209	193							3,41,790	
729	Jun-22	FSA	F29020102210	297							5,27,402	
730	Jun-22	FSA	F29020102759	461							8,17,831	
731	Jun-22	FSA	F29020102760	362							6,42,551	
732	Jun-22	FSA	F29020102761	493							8,75,760	
733	Jun-22	FSA	F29020103583	1,458							24,54,864	
734	Jun-22	FSA	F29020103596	1,531							25,76,879	
735	Jun-22	FSA	F29020103628	1,197							20,15,599	
736	Jun-22	FSA	F29020103692	1,691							28,46,797	
737	Jun-22	FSA	F29020103736	2,105							35,42,901	
738	Jun-22	FSA	F29020103768	2,542							42,79,133	
739	Jun-22	FSA	F29020104322	2,650							44,60,077	
740	Jun-22	FSA	F29020104361	3,943							66,37,633	
741	Jun-22	FSA	F29020104384	3,019							50,80,976	
742	Jun-22	FSA	F29020104393	3,602							60,63,006	
743	Jun-22	FSA	F29020097414	243							4,31,356	
744	Jun-22	FSA	F29020097740	253							4,49,766	
745	Jun-22	FSA	F29020098231	196							3,47,861	
746	Jun-22	FSA	F29020098766	162							2,88,050	
747	Jun-22	FSA	F29020098877	92							1,63,882	
748	Jun-22	FSA	F29020098954	758							13,46,564	
749	Jun-22	FSA	F29020099067	1,198							21,27,308	
750	Jun-22	FSA	F29020099135	1,318							23,40,243	
751	Jun-22	FSA	F29020099482	620							11,00,040	
752	Jun-22	FSA	F29020100354	428							7,60,008	
753	Jun-22	FSA	F29020102330	1,464							25,99,248	
754	Jun-22	FSA	F29020102427	2,316							41,12,357	
755	Jun-22	FSA	F29020103014	2,072							36,79,262	
756	Jun-22	FSA	F29020103491	2,626							46,61,561	
757	Jul-22	FSA	F29020105711	603							10,70,232	
758	Jul-22	FSA	F29020106231	430							7,63,381	
759	Jul-22	FSA	F29020106232	421							7,47,793	
760	Jul-22	FSA	F29020106233	512							9,09,794	
761	Jul-22	FSA	F29020106234	674							11,97,453	
762	Jul-22	FSA	F29020106799	751							13,32,539	
763	Jul-22	FSA	F29020106800	2,216							39,34,841	
764	Jul-22	FSA	F29020106801	1,224							21,72,917	

BHARAT ALUMINIUM CO. LTD. balco KORBA

S. No.	Received Month	Type of Coal procured e.g. FSA, E-Auction etc.	Bill No.	Bill Qty	Received Qty	Basic Amount as per invoice	Other taxes and cess related to coal purchase excluding GST	IGST	CGST	SGST	Total	GCV as receive basis
765	Jul-22	FSA	F29020106802	475							8,42,668	
766	Jul-22	FSA	F29020106803	1,725							30,63,146	
767	Jul-22	FSA	F29020105792	2,241							37,72,860	
768	Jul-22	FSA	F29020105896	596							10,02,396	
769	Jul-22	FSA	F29020106134	951							16,00,151	
770	Jul-22	FSA	F29020106167	2,091							35,19,606	
771	Jul-22	FSA	F29020106287	862							14,51,003	
772	Jul-22	FSA	F29020106566	2,242							37,73,112	
773	Jul-22	FSA	F29020106582	1,492							25,10,830	
774	Jul-22	FSA	F29020106906	1,150							19,36,185	
775	Jul-22	FSA	F29020106922	1,671							28,12,106	
776	Jul-22	FSA	F29020106954	136							2,28,444	
777	Jul-22	FSA	F29020104778	2,336							41,46,888	
778	Jul-22	FSA	F29020104849	1,145							20,31,972	
779	Jul-22	FSA	F29020104921	357							6,33,798	
780	Jul-22	FSA	F29020105006	96							1,71,090	
781	Jul-22	FSA	F29020105192	246							4,36,948	
782	Jul-22	FSA	F29020105520	483							8,57,883	
783	Jul-22	FSA	F29020105629	106							1,88,293	
784	Jul-22	FSA	F29020105863	68							1,20,422	
785	Jul-22	FSA	F29020112208	34							60,841	
786	Jul-22	FSA	F29020112428	178							3,15,301	
787	Jul-22	FSA	F29020112490	181							3,20,521	
788	Jul-22	FSA	F29020112491	75							1,32,370	
789	Jul-22	FSA	F29020112492	187							3,32,362	
790	Jul-22	FSA	F29020112493	220							3,90,487	
791	Jul-22	FSA	F29020107060	1,673							28,16,466	
792	Jul-22	FSA	F29020107264	620							10,43,147	
793	Jul-22	FSA	F29020107303	339							5,70,925	
794	Jul-22	FSA	F29020107737	187							3,15,095	
795	Jul-22	FSA	F29020108660	1,454							24,46,683	
796	Jul-22	FSA	F29020109640	1,502							25,28,015	
797	Jul-22	FSA	F29020109825	59							99,073	
798	Jul-22	FSA	F29020110087	309							5,20,429	
799	Jul-22	FSA	F29020110959	2,172							36,55,726	
800	Jul-22	FSA	F29020111240	5,842							98,32,432	
801	Jul-22	FSA	F29020112548	5,233							88,07,413	
802	Jul-22	FSA	F29020112564	5,987							1,00,78,129	
803	Jul-22	FSA	F29020112592	5,337							89,83,527	
804	Jul-22	FSA	F29020112605	3,344							56,29,363	
805	Jul-22	FSA	F29020112624	3,263							54,92,199	
806	Jul-22	FSA	F29020112655	3,831							64,47,684	
807	Jul-22	FSA	F29020113062	3,975							66,90,149	
808	Jul-22	FSA	F29020113205	4,507							75,86,975	
809	Jul-22	FSA	F29020113318	4,386							73,82,399	
810	Jun-22	FSA	F29020095702	523							9,98,672	
811	Jun-22	FSA	F29020097141	17,205							3,28,34,922	
812	Jun-22	FSA	F29020098374	9,039							1,72,50,616	
813	Aug-22	FSA	F29020115807	58							1,03,698	
814	Aug-22	FSA	F29020116300	247							4,37,658	
815	Aug-22	FSA	F29020116301	174							3,08,839	
816	Aug-22	FSA	F29020116302	338							6,00,901	
817	Aug-22	FSA	F29020116303	36							63,983	
818	Aug-22	FSA	F29020116304	408							7,24,732	
819	Aug-22	FSA	F29020116305	201							3,56,880	
820	Aug-22	FSA	F29020116306	94							1,66,598	
821	Aug-22	FSA	F29020118404	478							8,48,118	
822	Aug-22	FSA	F29020118405	289							5,13,714	
823	Aug-22	FSA	F29020113843	4,779							80,43,914	
824	Aug-22	FSA	F29020114254	5,568							93,71,420	
825	Aug-22	FSA	F29020114301	4,338							73,01,050	
826	Aug-22	FSA	F29020114747	2,953							49,70,928	
827	Aug-22	FSA	F29020114937	2,822							47,50,480	
828	Aug-22	FSA	F29020114975	2,712							45,65,041	

BHARAT ALUMINIUM CO. LTD. KORBA

S. No.	Received Month	Type of Coal procured e.g. FSA, E-Auction etc.	Bill No.	Bill Qty	Received Qty	Basic Amount as per invoice	Other taxes and cess related to coal purchase excluding GST	IGST	CGST	SGST	Total	GCV as receive basis
829	Aug-22	FSA	F29020115742	2,410							40,55,705	
830	Aug-22	FSA	F29020115875	2,363							39,77,975	
831	Aug-22	FSA	F29020116492	1,534							25,81,457	
832	Aug-22	FSA	F29020117164	1,155							19,44,450	
833	Aug-22	FSA	F29020117293	803							13,51,088	
834	Aug-22	FSA	F29020117450	535							9,01,000	
835	Aug-22	FSA	F29020117644	30							50,681	
836	Aug-22	FSA	F29020117663	569							9,57,404	
837	Aug-22	FSA	F29020117697	485							8,16,302	
838	Aug-22	FSA	F29020117856	939							15,80,037	
839	Aug-22	FSA	F29020118017	715							12,02,916	
840	Aug-22	FSA	F29020118051	1,038							17,47,701	
841	Aug-22	FSA	F29020118726	90							1,51,875	
842	Oct-22	FSA	F29020139956	967							13,79,668	
843	Oct-22	FSA	F29020140421	3,657							52,15,165	
844	Oct-22	FSA	F29020140450	2,638							37,61,846	
845	Oct-22	FSA	F29020140582	2,774							39,56,244	
846	Oct-22	FSA	F29020140750	2,082							29,69,622	
847	Oct-22	FSA	F29020140759	3,032							43,23,731	
848	Oct-22	FSA	F29020142785	4,946							70,53,686	
849	Oct-22	FSA	F29020142863	3,028							43,17,969	
850	Oct-22	FSA	F29020143582	242							3,44,953	
851	Nov-22	FSA	F29020147558	61							1,05,814	
852	Nov-22	FSA	F29020153990	1,744							30,12,826	
853	Nov-22	FSA	F29020147196	1,141							16,26,865	
854	Nov-22	FSA	F29020147228	2,630							37,51,406	
855	Nov-22	FSA	F29020147259	341							4,85,980	
856	Nov-22	FSA	F29020147309	3,532							50,37,397	
857	Nov-22	FSA	F29020147816	2,574							36,70,623	
858	Nov-22	FSA	F29020147838	2,537							36,17,681	
859	Nov-22	FSA	F29020147884	785							11,18,978	
860	Nov-22	FSA	F29020151497	1,554							22,16,933	
861	Nov-22	FSA	F29020151532	1,377							19,64,458	
862	Nov-22	FSA	F29020151951	333							4,75,426	
863	Nov-22	FSA	F29020152024	95							1,34,980	
864	Nov-22	FSA	F29020146613	1,383							23,89,306	
865	Nov-22	FSA	F29020146656	2,084							36,00,385	
866	Nov-22	FSA	F29020146682	2,357							40,71,592	
867	Nov-22	FSA	F29020146696	2,036							35,17,371	
868	Nov-22	FSA	F29020146706	2,407							41,57,232	
869	Nov-22	FSA	F29020146905	2,388							41,24,672	
870	Nov-22	FSA	F29020146968	3,498							60,41,492	
871	Nov-22	FSA	F29020147018	2,439							42,12,333	
872	Nov-22	FSA	F29020147029	2,472							42,69,731	
873	Nov-22	FSA	F29020147045	2,495							43,09,044	
874	Nov-22	FSA	F29020147089	1,217							21,02,263	
875	Nov-22	FSA	F29020147099	1,340							23,15,256	
876	Nov-22	FSA	F29020147111	246							4,24,657	
877	Oct-22	FSA	F29020140872	39							65,426	
878	Oct-22	FSA	F29020141066	589							9,91,758	
879	Oct-22	FSA	F29020141077	546							9,19,532	
880	Oct-22	FSA	F29020141597	1,449							24,38,941	
881	Oct-22	FSA	F29020141790	956							16,09,358	
882	Oct-22	FSA	F29020142057	1,607							27,04,247	
883	Oct-22	FSA	F29020143048	1,491							25,09,887	
884	Oct-22	FSA	F29020136919	3,321							60,34,050	
885	Nov-22	FSA	F29020144084	3,655							66,61,906	
886	Nov-22	FSA	F29020144363	3,330							60,69,517	
887	Nov-22	FSA	F29020144358	3,788							68,88,301	
888	Nov-22	FSA	F29020145412	3,912							71,29,424	
889	Nov-22	FSA	F29020145413	3,812							69,47,338	
890	Nov-22	FSA	F29020145414	3,900							71,08,339	
891	Nov-22	FSA	F29020145709	3,773							68,77,089	
892	Nov-22	FSA	F29020145720	3,725							67,88,845	

S. No.	Received Month	Type of Coal procured e.g. FSA, E-Auction etc.	Bill No.	Bill Qty	Received Qty	Basic Amount as per invoice	Other taxes and cess related to coal purchase excluding GST	IGST	CGST	SGST	Total	GCV as receive basis
893	Nov-22	FSA	F29020145714	3,838							69,95,772	
894	Nov-22	FSA	F29020146865	3,911							71,28,298	
895	Nov-22	FSA	F29020146242	3,778							68,68,340	
896	Nov-22	FSA	F29020146863	3,910							71,27,419	
897	Nov-22	FSA	F29020146862	3,900							71,08,784	
898	Apr-22	Trader	2022-23/001	3,515							3,69,52,207	
899	Apr-22	Trader	2022-23/004	3,520							3,09,32,443	
900	Apr-22	Trader	MPL/COAL/5/2223	3,815							3,32,28,513	
901	Apr-22	Trader	OMAX/21-22/S004	1,760							1,85,80,280	
902	Apr-22	Trader	OMAX/21-22/S006	1,760							1,85,80,280	
903	Apr-22	Trader	2022-23/006	3,666							3,93,48,979	
904	Apr-22	Trader	2022-23/007	3,342							4,11,45,767	
905	Apr-22	Trader	SHE/22-23/002	3,079							3,36,39,822	
906	Apr-22	Trader	OMAX/21-22/S022	3,637							5,44,48,988	
907	Apr-22	Trader	OMAX/22-23/S023	3,379							3,69,54,558	
908	Apr-22	Trader	OMAX/21-22/S015	3,466							4,93,26,960	
909	Apr-22	Trader	OMAX/21-22/S020	3,732							4,84,67,560	
910	Apr-22	Trader	OMAX/21-22/S021	3,802							4,77,30,892	
911	Apr-22	Trader	OMAX/22-23/S013	310							38,57,563	
912	Apr-22	Trader	OMAX/22-23/S025	1,346							1,66,17,068	
913	Apr-22	Trader	SHE/21-22/045	6,139							8,11,21,432	
914	Apr-22	Trader	SHE/21-22/046	668							89,53,164	
915	Apr-22	Trader	SHE/22-23/001	2,460							2,73,68,467	
916	Apr-22	Trader	SHE/22-23/008	1,443							1,67,17,929	
917	Apr-22	Trader	OMAX/22-23/S026	1,493							1,81,35,771	
918	Apr-22	Trader	OMAX/22-23/S011	1,427							1,50,26,715	
919	Apr-22	Trader	VPIPL/21-22/38	300							17,15,851	
920	Apr-22	Trader	2022-23/002	30							2,98,079	
921	Jun-22	Trader	OMAX/22-23/S047	3,503							4,31,29,500	
922	Jun-22	Trader	OMAX/22-23/S046	3,148							4,08,57,649	
923	Jun-22	Trader	SHE/22-23/039	547							60,16,498	
924	Jun-22	Trader	SHE/22-23/040	11,142							14,75,70,515	
925	Jun-22	Trader	SHE/22-23/038	6,583							7,80,68,261	
926	Jun-22	Trader	OMAX/22-23/S049	2,283							2,85,84,333	
927	Jun-22	Trader	OMAX/22-23/S054	4,112							4,76,73,415	
928	Jun-22	Trader	SHE/22-23/054	2,985							4,17,60,298	
929	Jun-22	Trader	SHE/22-23/053	9,771							13,26,38,891	
930	Jun-22	Trader	SHE/22-23/060	12,648							17,00,95,716	
931	Jun-22	Trader	SHE/22-23/030	1,862							2,76,72,919	
932	Jun-22	Trader	2022-23/061	3,592							5,18,69,456	
933	Jun-22	Trader	2022-23/063	3,561							4,69,41,509	
934	Jun-22	Trader	2022-23/070	3,796							5,36,24,172	
935	Jun-22	Trader	SHE/22-23/037	3,057							3,95,00,253	
936	Jun-22	Trader	SHE/22-23/007	3,613							3,59,37,036	
937	Jun-22	Trader	2022-23/080	3,498							5,59,28,075	
938	Jun-22	Trader	APS/2022-23/0014	3,080							2,71,94,286	
939	Jun-22	Trader	OMAX/22-23/S050	538							64,70,918	
940	Jun-22	Trader	OMAX/22-23/S035	507							53,02,079	
941	Jun-22	Trader	OMAX/22-23/S040	2,229							2,13,37,936	
942	Jun-22	Trader	OMAX/22-23/S044	8,364							10,83,74,298	
943	Jun-22	Trader	OMAX/22-23/S037	1,113							1,31,55,171	
944	Jun-22	Trader	OMAX/22-23/S042	2,924							3,46,80,664	
945	Jun-22	Trader	OMAX/22-23/S052	6,260							6,02,16,186	
946	Jun-22	Trader	OMAX/22-23/S038	575							70,19,996	
947	Jun-22	Trader	OMAX/22-23/S043	1,490							1,55,85,613	
948	Jun-22	Trader	OMAX/22-23/S083	3,518							4,67,37,261	
949	Jun-22	Trader	OMAX/22-23/S075	3,466							5,37,16,104	
950	Jun-22	Trader	OMAX/22-23/S077	3,370							5,25,21,437	
951	Jun-22	Trader	OMAX/22-23/S076	3,439							5,30,98,460	
952	Jun-22	Trader	OMAX/22-23/S079	3,372							5,25,48,920	
953	Jun-22	Trader	OMAX/22-23/S082	3,760							5,64,95,501	
954	Jun-22	Trader	OMAX/22-23/S084	3,521							4,87,13,333	
955	Jun-22	Trader	OMAX/22-23/S078	3,437							5,34,86,607	
956	Jun-22	Trader	OMAX/22-23/S092	1,399							1,39,70,290	

S. No.	Received Month	Type of Coal procured e.g. FSA, E-Auction etc.	Bill No.	Bill Qty	Received Qty	Basic Amount as per invoice	Other taxes and cess related to coal purchase excluding GST	IGST	CGST	SGST	Total	GCV as receive basis
957	Jun-22	Trader	OMAX/22-23/S051	163							19,72,776	
958	Jun-22	Trader	OMAX/22-23/S071	31							3,63,039	
959	Jun-22	Trader	OMAX/22-23/S069	506							45,08,347	
960	Jun-22	Trader	OMAX/22-23/S065	1,511							1,92,79,544	
961	Jun-22	Trader	OMAX/22-23/S070	345							47,37,224	
962	Jun-22	Trader	OMAX/22-23/S091	1,127							1,56,42,211	
963	Jun-22	Trader	OMAX/22-23/S066	3,536							4,27,54,275	
964	Jun-22	Trader	OMAX/22-23/S090	202							29,20,127	
965	Jun-22	Trader	OMAX/22-23/S053	548							70,81,582	
966	Jun-22	Trader	OMAX/22-23/S067	6,569							8,46,35,282	
967	Jun-22	Trader	OMAX/22-23/S072	1,193							1,64,94,970	
968	Jun-22	Trader	OMAX/22-23/S089	847							1,12,56,664	
969	Jun-22	Trader	OMAX/22-23/S087	5,323							7,14,89,569	
970	Jun-22	Trader	OMAX/22-23/S068	1,270							1,85,10,674	
971	Jun-22	Trader	OMAX/22-23/S073	978							1,37,38,517	
972	Jun-22	Trader	OMAX/22-23/S088	2,933							3,93,12,102	
973	Jun-22	Trader	OMAX/22-23/S096	313							38,44,726	
974	Jun-22	Trader	OMAX/22-23/S074	251							29,79,381	
975	Jun-22	Trader	SHE/22-23/069	3,767							5,11,28,918	
976	Jun-22	Trader	SHE/22-23/035	6,470							6,85,53,378	
977	Jun-22	Trader	SHE/22-23/036	1,893							3,23,36,607	
978	Jun-22	Trader	SHE/22-23/066	5,691							8,06,11,542	
979	Jun-22	Trader	SHE/22-23/073	6,430							9,04,75,944	
980	Apr-22	SPECIAL AUCTION	9100035533	3,571							75,27,619	

BHARAT ALUMINIUM CO. LTD. balco KORBA

Billwise Transportation Cost - (Annexure-5-II)

Monthwise Coal Details for the FY 2022-23

S. No.	Received Month	Type of Coal procured e.g. FSA, E-Auction etc.	Type of Transportation Railway / Road	Transporter Bill No.	Transporter Bill Qty	Received Qty	Basic Amount as per invoice	Other taxes and cess related to coal purchase excluding GST	IGST	CGST	SGST	Total
1	Apr-22	FSA	Railway	161001318	3,510							8,25,644
2	Apr-22	FSA	Railway	161001330	3,741							11,42,668
3	May-22	FSA	Road	3330010795	1,680							5,11,272
4	May-22	FSA	Road	3330010795	1,987							6,04,778
5	May-22	FSA	Road	3330010795	896							2,72,745
6	May-22	FSA	Road	3330010795	832							2,53,366
7	May-22	FSA	Road	3330010795	282							85,975
8	May-22	FSA	Road	3330010795	36							11,092
9	May-22	FSA	Road	3330010795	93							28,204
10	May-22	FSA	Road	3330010795	316							96,160
11	May-22	FSA	Road	3330010795	650							1,97,722
12	May-22	FSA	Road	3330010795	679							2,06,637
13	May-22	FSA	Road	3330010795	562							1,71,119
14	May-22	FSA	Road	3330010795	641							1,95,244
15	May-22	FSA	Road	3330010795	584							1,77,730
16	May-22	FSA	Road	3330010795	553							1,68,468
17	May-22	FSA	Road	3330010795	375							1,14,014
18	May-22	FSA	Road	3330010795	887							2,69,845
19	May-22	FSA	Road	3330010795	824							2,50,693
20	May-22	FSA	Road	3330010795	792							2,41,184
21	May-22	FSA	Road	3330010795	1,061							3,22,837
22	May-22	FSA	Road	3330010795	1,009							3,07,125
23	May-22	FSA	Road	3330010795	1,404							4,27,197
24	May-22	FSA	Road	3330010795	1,663							5,06,128
25	Jun-22	FSA	Railway	161001612	3,551							10,80,953
26	Jun-22	FSA	Railway	161001619	3,815							11,09,765
27	Jun-22	FSA	Railway	161001621	3,735							9,90,121
28	Jun-22	FSA	Railway	461000031	3,572							28,99,797
29	Jun-22	FSA	Railway	161001632	3,744							10,30,084
30	Jun-22	FSA	Railway	161001635	3,782							10,52,075
31	Jun-22	FSA	Railway	161001646	3,609							13,14,241
32	Jun-22	FSA	Railway	161001653	3,419							11,42,930
33	Jun-22	FSA	Railway	161001660	3,723							9,47,335
34	Jun-22	FSA	Railway	161001666	3,667							8,50,410
35	Jun-22	FSA	Railway	161001685	3,540							8,18,568
36	Jun-22	FSA	Railway	161001693	3,540							8,18,885
37	Jun-22	FSA	Railway	161004664	3,721							8,83,251
38	Jun-22	FSA	Railway	161001710	3,855							8,86,381
39	Jun-22	FSA	Railway	161004674	3,767							9,17,535
40	Jun-22	FSA	Railway	461000043	3,534							27,46,239
41	Jun-22	FSA	Railway	161001723	3,856							8,86,108
42	Jun-22	FSA	Railway	161001735	3,866							8,88,241
43	Jun-22	FSA	Railway	161004689	3,842							8,92,458
44	Jul-22	FSA	Railway	161001752	3,716							8,48,459
45	Jul-22	FSA	Railway	161001744	3,815							8,82,706
46	Jul-22	FSA	Railway	161004706	3,773							8,81,981
47	Jul-22	FSA	Railway	161004711	3,571							8,52,723
48	Jul-22	FSA	Railway	161001773	3,836							8,78,670
49	Jul-22	FSA	Railway	461000423	3,565							8,52,315
50	Jul-22	FSA	Railway	161001788	3,656							8,39,705
51	Jul-22	FSA	Railway	161004729	3,742							8,79,713
52	Jul-22	FSA	Railway	161004731	3,817							9,26,198
53	Jul-22	FSA	Railway	141000584	3,695							8,45,057
54	Jul-22	FSA	Railway	161001821	3,585							14,94,579
55	Jul-22	FSA	Railway	161001826	3,685							18,95,784
56	Jul-22	FSA	Railway	161001833	3,769							19,11,478
57	Jul-22	FSA	Railway	161001841	3,681							18,94,830
58	Jul-22	FSA	Railway	161001848	3,513							23,88,660
59	Jul-22	FSA	Railway	161004752	3,443							8,64,301
60	Jul-22	FSA	Railway	161001860	3,524							18,56,456
61	Jul-22	FSA	Railway	161004762	3,737							8,79,259

BHARAT ALUMINIUM CO. LTD. BALCO KORBA

S. No.	Received Month	Type of Coal procured e.g. FSA, E-Auction etc.	Type of Transportation Railway / Road	Transporter Bill No.	Transporter Bill Qty	Received Qty	Basic Amount as per invoice	Other taxes and cess related to coal purchase excluding GST	IGST	CGST	SGST	Total
62	Jul-22	FSA	Railway	161001868	3,640							18,81,767
63	Jul-22	FSA	Railway	161004771	3,556							8,49,548
64	Jul-22	FSA	Railway	141000695	3,499							8,13,442
65	Jul-22	FSA	Railway	141000697	3,707							9,78,935
66	Jul-22	FSA	Railway	161001898	3,764							19,11,840
67	Jul-22	FSA	Railway	141000699	3,486							8,46,509
68	Jul-22	FSA	Railway	161004789	3,883							9,13,189
69	Jul-22	FSA	Railway	141000610	3,515							18,53,553
70	Jul-22	FSA	Railway	161001926	3,828							19,26,809
71	Jul-22	FSA	Railway	161001935	3,498							18,69,856
72	Jul-22	FSA	Railway	161001937	3,385							18,25,385
73	Jul-22	FSA	Railway	161001946	3,787							19,15,289
74	May-22	FSA	Road	3330011718	603							2,25,706
75	May-22	FSA	Road	3330011718	430							1,60,993
76	May-22	FSA	Road	3330011718	421							1,57,706
77	May-22	FSA	Road	3330011718	512							1,91,871
78	May-22	FSA	Road	3330011718	674							2,52,537
79	May-22	FSA	Road	3330011718	751							2,81,026
80	May-22	FSA	Road	3330011718	2,216							8,29,838
81	May-22	FSA	Road	3330011718	1,224							4,58,257
82	May-22	FSA	Road	3330011718	475							1,77,714
83	May-22	FSA	Road	3330011718	1,725							6,46,002
84	May-22	FSA	Road	3330011721	2,241							4,47,592
85	May-22	FSA	Road	3330011721	596							1,18,919
86	May-22	FSA	Road	3330011721	951							1,89,834
87	May-22	FSA	Road	3330011721	2,091							4,17,548
88	May-22	FSA	Road	3330011721	862							1,72,139
89	May-22	FSA	Road	3330011721	2,242							4,47,622
90	May-22	FSA	Road	3330011721	1,492							2,97,872
91	May-22	FSA	Road	3330011721	1,150							2,29,699
92	May-22	FSA	Road	3330011721	1,671							3,33,614
93	May-22	FSA	Road	3330011721	136							27,101
94	Jun-22	FSA	Road	3330012144	2,336							7,10,505
95	Jun-22	FSA	Road	3330012144	1,145							3,48,147
96	Jun-22	FSA	Road	3330012144	357							1,08,592
97	Jun-22	FSA	Road	3330012144	96							29,314
98	Jun-22	FSA	Road	3330012144	246							74,864
99	Jun-22	FSA	Road	3330012144	483							1,46,985
100	Jun-22	FSA	Road	3330012144	106							32,261
101	Jun-22	FSA	Road	3330012144	68							20,632
102	Jul-22	FSA	Road	3330013382	34							13,332
103	Jul-22	FSA	Road	3330013382	178							1,51,013
104	Jul-22	FSA	Road	3330013382	181							74,363
105	Jul-22	FSA	Road	3330013382	75							34,714
106	Jul-22	FSA	Road	3330013382	187							1,76,723
107	Jul-22	FSA	Road	3330013382	220							1,07,043
108	Jul-22	FSA	Road	3330013389	1,673							3,34,180
109	Jul-22	FSA	Road	3330013389	620							1,23,772
110	Jul-22	FSA	Road	3330013389	339							67,741
111	Jul-22	FSA	Road	3330013389	187							37,387
112	Jul-22	FSA	Road	3330013389	1,454							2,90,304
113	Jul-22	FSA	Road	3330013389	1,502							2,99,955
114	Jul-22	FSA	Road	3330013389	59							11,755
115	Jul-22	FSA	Road	3330013389	309							61,750
116	Jul-22	FSA	Road	3330013389	2,172							4,33,760
117	Jul-22	FSA	Road	3330013389	5,842							11,66,639
118	Jul-22	FSA	Road	3330013389	5,233							10,45,019
119	Jul-22	FSA	Road	3330013389	5,987							11,95,792
120	Jul-22	FSA	Road	3330013389	5,337							10,65,915
121	Jul-22	FSA	Road	3330013389	3,344							6,67,936
122	Jul-22	FSA	Road	3330013389	3,263							6,51,661
123	Jul-22	FSA	Road	3330013389	3,831							7,65,032
124	Jul-22	FSA	Road	3330013389	3,975							7,93,801
125	Jul-22	FSA	Road	3330013389	4,507							9,00,211
126	Jul-22	FSA	Road	3330013389	4,386							8,75,938

BHARAT ALUMINIUM CO. LTD. ★ KORBA ★

S. No.	Received Month	Type of Coal procured e.g. FSA, E-Auction etc.	Type of Transportation Railway / Road	Transporter Bill No.	Transporter Bill Qty	Received Qty	Basic Amount as per invoice	Other taxes and cess related to coal purchase excluding GST	IGST	CGST	SGST	Total
127	Aug-22	FSA	Railway	461000069	3,291							24,99,037
128	Aug-22	FSA	Railway	141000617	3,820							19,24,859
129	Aug-22	FSA	Railway	161001964	3,800							8,74,814
130	Aug-22	FSA	Railway	161001969	3,629							18,83,717
131	Aug-22	FSA	Railway	161001975	3,619							18,81,676
132	Aug-22	FSA	Railway	161004822	3,972							11,05,171
133	Aug-22	FSA	Railway	161001991	3,827							19,26,129
134	Aug-22	FSA	Railway	161002001	3,823							8,71,049
135	Aug-22	FSA	Railway	161002010	3,795							19,13,066
136	Aug-22	FSA	Railway	161002021	3,349							18,12,367
137	Aug-22	FSA	Railway	461000135	3,445							9,59,327
138	Aug-22	FSA	Railway	161004842	3,411							8,04,370
139	Aug-22	FSA	Railway	161002049	3,518							18,53,871
140	Aug-22	FSA	Railway	161004858	3,405							9,22,681
141	Aug-22	FSA	Railway	461000071	3,306							24,73,866
142	Aug-22	FSA	Railway	461000074	3,359							25,57,945
143	Aug-22	FSA	Railway	161004900	3,611							8,36,575
144	Aug-22	FSA	Railway	461000075	3,405							25,56,200
145	Aug-22	FSA	Railway	461000136	3,402							9,95,883
146	Aug-22	FSA	Railway	461000077	3,542							27,35,237
147	Aug-22	FSA	Railway	161002143	3,911							8,87,832
148	Aug-22	FSA	Railway	161004921	3,854							9,30,334
149	Aug-22	FSA	Railway	461000305	3,773							20,09,204
150	Aug-22	FSA	Railway	161004927	3,613							8,39,932
151	Aug-22	FSA	Railway	461000654	3,628							9,96,754
152	Aug-22	FSA	Railway	461000656	3,855							12,53,532
153	Aug-22	FSA	Railway	161001584	3,620							11,69,180
154	Aug-22	FSA	Railway	461000655	3,882							10,83,618
155	Aug-22	FSA	Railway	161001600	3,264							9,36,348
156	Sep-22	FSA	Railway	161002174	3,808							19,16,423
157	Sep-22	FSA	Railway	461000080	3,930							30,59,357
158	Sep-22	FSA	Railway	161004935	3,865							9,12,553
159	Sep-22	FSA	Railway	161004937	3,806							8,85,111
160	Sep-22	FSA	Railway	461000082	3,647							27,23,778
161	Sep-22	FSA	Railway	161002202	3,762							19,38,368
162	Sep-22	FSA	Railway	161002212	3,873							19,31,118
163	Sep-22	FSA	Railway	461000085	2,122							26,53,659
164	Sep-22	FSA	Railway	161002232	3,822							19,17,557
165	Sep-22	FSA	Railway	161002262	3,691							18,88,889
166	Sep-22	FSA	Railway	161004990	3,546							8,55,868
167	Sep-22	FSA	Railway	161002314	3,631							20,07,563
168	Oct-22	FSA	Railway	161002473	3,466							7,87,904
169	Oct-22	FSA	Railway	461000097	3,137							23,69,281
170	Oct-22	FSA	Railway	161002395	3,871							9,36,151
171	Oct-22	FSA	Railway	161002409	3,904							9,86,383
172	Oct-22	FSA	Railway	161002416	3,830							8,69,507
173	Oct-22	FSA	Railway	161002419	3,837							8,72,863
174	Oct-22	FSA	Railway	161005066	3,605							8,49,004
175	Oct-22	FSA	Railway	161002443	3,783							8,58,258
176	Oct-22	FSA	Railway	161005075	3,315							7,75,203
177	Oct-22	FSA	Railway	161005079	3,534							8,52,588
178	Oct-22	FSA	Railway	161002481	3,846							8,72,273
179	Oct-22	FSA	Railway	161002499	3,905							9,94,189
180	Oct-22	FSA	Railway	161002506	3,853							8,74,088
181	Oct-22	FSA	Railway	161002521	3,660							8,30,452
182	Oct-22	FSA	Railway	451000001	3,217							23,91,960
183	Oct-22	FSA	Railway	161002528	3,776							8,90,417
184	Oct-22	FSA	Railway	161002539	3,723							8,44,830
185	Oct-22	FSA	Railway	461000098	3,175							23,80,848
186	Oct-22	FSA	Railway	461000099	3,337							24,91,638
187	Oct-22	FSA	Railway	161005130	3,684							8,67,193
188	Oct-22	FSA	Railway	161002556	3,915							9,20,438
189	Oct-22	FSA	Railway	461000100	3,708							27,68,749
190	Nov-22	FSA	Railway	161005189	3,788							13,70,048
191	Nov-22	FSA	Railway	161002657	3,856							9,40,150

BHARAT ALUMINIUM CO. LTD.
KORBA

S. No.	Received Month	Type of Coal procured e.g. FSA, E-Auction etc.	Type of Transportation Railway / Road	Transporter Bill No.	Transporter Bill Qty	Received Qty	Basic Amount as per invoice	Other taxes and cess related to coal purchase excluding GST	IGST	CGST	SGST	Total
192	Nov-22	FSA	Railway	161002679	3,790							13,18,986
193	Nov-22	FSA	Railway	161001699	4,049							13,46,465
194	Nov-22	FSA	Railway	161002689	3,903							8,95,838
195	Nov-22	FSA	Railway	161005208	3,734							13,24,731
196	Nov-22	FSA	Railway	161002697	3,791							13,18,813
197	Nov-22	FSA	Railway	161002704	3,782							13,17,430
198	Nov-22	FSA	Railway	161002706	3,726							8,05,421
199	Nov-22	FSA	Railway	161002724	3,848							13,31,341
200	Nov-22	FSA	Railway	161005234	3,731							13,35,920
201	Nov-22	FSA	Railway	161002746	3,851							8,73,544
202	Nov-22	FSA	Railway	161002747	3,790							13,19,547
203	Nov-22	FSA	Railway	161005248	3,824							13,44,128
204	Nov-22	FSA	Railway	161005252	3,907							13,99,165
205	Nov-22	FSA	Railway	161002782	3,786							13,17,862
206	Oct-22	FSA	Railway	161002566	3,915							8,48,491
207	Nov-22	FSA	Railway	161002577	3,655							8,21,138
208	Nov-22	FSA	Railway	161002581	3,330							7,20,965
209	Nov-22	FSA	Railway	161005150	3,785							8,65,814
210	Nov-22	FSA	Railway	161002598	3,912							8,44,906
211	Nov-22	FSA	Railway	161002600	3,812							8,54,186
212	Nov-22	FSA	Railway	161002606	3,900							13,73,323
213	Nov-22	FSA	Railway	161002620	3,773							8,76,858
214	Nov-22	FSA	Railway	161002626	3,725							13,04,557
215	Nov-22	FSA	Railway	161002629	3,838							9,65,144
216	Nov-22	FSA	Railway	161002631	3,911							13,44,819
217	Nov-22	FSA	Railway	161005177	3,773							8,45,942
218	Nov-22	FSA	Railway	161002640	3,910							13,44,646
219	Nov-22	FSA	Railway	161002646	3,900							13,58,946
220	Dec-22	FSA	Railway	141000746	3,851							13,98,407
221	Dec-22	FSA	Railway	161002964	3,791							13,84,891
222	Dec-22	FSA	Railway	161002979	3,800							13,86,750
223	Dec-22	FSA	Railway	161002788	3,854							13,99,179
224	Dec-22	FSA	Railway	161005268	3,849							14,41,001
225	Dec-22	FSA	Railway	161002796	3,726							8,77,527
226	Dec-22	FSA	Railway	161002798	3,790							13,84,619
227	Dec-22	FSA	Railway	161002800	3,857							13,99,814
228	Dec-22	FSA	Railway	161002801	3,660							13,56,813
229	Dec-22	FSA	Railway	161002811	3,857							14,03,352
230	Dec-22	FSA	Railway	141000739	3,798							13,86,387
231	Dec-22	FSA	Railway	161002939	3,859							14,00,177
232	Dec-22	FSA	Railway	161002945	3,793							13,85,933
233	Dec-22	FSA	Railway	161002951	3,796							14,50,691
234	Dec-22	FSA	Railway	161002952	3,861							15,07,667
235	Dec-22	FSA	Railway	161002953	3,733							14,04,205
236	Dec-22	FSA	Railway	141000745	3,533							13,91,224
237	Dec-22	FSA	Railway	161005372	3,868							14,45,446
238	Dec-22	FSA	Railway	161005377	3,756							13,90,561
239	Dec-22	FSA	Railway	161002980	3,727							13,70,194
240	Dec-22	FSA	Railway	161002987	3,729							15,00,343
241	Dec-22	FSA	Railway	141000759	3,806							8,63,156
242	Dec-22	FSA	Railway	161002984	3,856							13,99,587
243	Dec-22	FSA	Railway	161002989	3,727							13,70,330
244	Jan-23	FSA	Railway	161003010	3,786							14,55,069
245	Jan-23	FSA	Railway	161002993	3,871							14,02,989
246	Jan-23	FSA	Railway	161002996	3,798							13,86,297
247	Jan-23	FSA	Railway	161002998	3,795							13,85,753
248	Jan-23	FSA	Railway	161003003	3,801							13,89,155
249	Jan-23	FSA	Railway	161003021	3,863							14,01,129
250	Jan-23	FSA	Railway	141000777	3,863							14,01,084
251	Jan-23	FSA	Railway	161005419	3,804							13,97,546
252	Jan-23	FSA	Railway	141000783	3,858							8,75,630
253	Jan-23	FSA	Railway	161003049	3,864							9,08,689
254	Jan-23	FSA	Railway	161003054	3,798							8,61,387
255	Jan-23	FSA	Railway	141000786	3,793							8,60,526
256	Jan-23	FSA	Railway	161005436	3,898							14,48,757

BHARAT ALUMINIUM CO. LTD. KORBA

S. No.	Received Month	Type of Coal procured e.g. FSA, E-Auction etc.	Type of Transportation Railway / Road	Transporter Bill No.	Transporter Bill Qty	Received Qty	Basic Amount as per invoice	Other taxes and cess related to coal purchase excluding GST	IGST	CGST	SGST	Total
257	Jan-23	FSA	Railway	141000789	3,794							8,60,571
258	Jan-23	FSA	Railway	161003093	3,855							8,74,314
259	Jan-23	FSA	Railway	161005479	3,910							9,30,652
260	Jan-23	FSA	Railway	141000766	3,765							14,06,890
261	Jan-23	FSA	Railway	161003083	3,799							8,61,660
262	Jan-23	FSA	Railway	161005462	3,694							14,36,039
263	Jan-23	FSA	Railway	161003112	3,854							8,74,179
264	Jan-23	FSA	Railway	161003124	3,666							18,81,495
265	Jan-23	FSA	Railway	161006632	3,749							8,64,155
266	Jan-23	FSA	Railway	161003144	3,856							17,28,472
267	Jan-23	FSA	Railway	161003150	3,859							14,00,222
268	Jan-23	FSA	Railway	161003154	3,859							14,00,313
269	Jan-23	FSA	Railway	161003164	3,735							8,47,008
270	Jan-23	FSA	Railway	161003171	3,860							14,00,495
271	Jan-23	FSA	Railway	161005500	3,835							14,68,925
272	Jan-23	FSA	Railway	161003188	3,858							13,99,995
273	Jan-23	FSA	Railway	151000022	3,854							13,99,043
274	Feb-23	FSA	Railway	161005513	3,790							14,29,252
275	Feb-23	FSA	Railway	161005517	3,803							14,14,556
276	Feb-23	FSA	Railway	161003210	3,856							13,99,451
277	Feb-23	FSA	Railway	161005630	3,756							14,06,572
278	Feb-23	FSA	Railway	161005632	3,956							14,79,875
279	Feb-23	FSA	Railway	161010312	3,859							14,45,718
280	Mar-23	FSA	Railway	161003413	3,856							29,75,177
281	Mar-23	FSA	Railway	141000815	3,806							24,38,247
282	Mar-23	FSA	Railway	161003418	3,734							8,46,872
283	Mar-23	FSA	Railway	161003475	3,862							8,76,946
284	Mar-23	FSA	Railway	161005699	3,525							13,31,774
285	Mar-23	FSA	Railway	161003511	3,798							8,97,066
286	Mar-23	FSA	Railway	161005635	3,807							14,39,277
287	Mar-23	FSA	Railway	161003397	3,678							8,34,217
288	Mar-23	FSA	Railway	161003401	3,730							13,70,964
289	Mar-23	FSA	Railway	161003404	3,858							8,74,995
290	Mar-23	FSA	Railway	161003410	3,862							8,75,993
291	Mar-23	FSA	Railway	161010352	3,687							14,12,379
292	Mar-23	FSA	Railway	161005706	3,693							13,95,414
293	Mar-23	FSA	Railway	161003520	3,865							8,76,537
294	Mar-23	FSA	Railway	161003527	3,726							8,45,511
295	Mar-23	FSA	Railway	161005717	3,799							13,96,684
296	Mar-23	FSA	Railway	161005725	3,666							13,96,321
297	Mar-23	FSA	Railway	161006729	3,675							13,90,561
298	Mar-23	FSA	Railway	161003566	3,795							8,82,207
299	Mar-23	FSA	Railway	161010406	3,811							14,01,039
300	Mar-23	FSA	Railway	161003578	3,894							14,23,900
301	Mar-23	FSA	Railway	161010409	3,776							14,07,049
302	Mar-23	FSA	Railway	161003582	3,859							14,10,337
303	Mar-23	FSA	Railway	161003597	3,766							14,27,675
304	Mar-23	FSA	Railway	161006736	3,563							19,33,795
305	Mar-23	FSA	Railway	161002228	3,703							8,75,086
306	Mar-23	FSA	Railway	161003609	3,701							13,73,823
307	Mar-23	FSA	Railway	161006742	3,757							8,84,249
308	Apr-22	Special Auction	Railway	162004044	3,571							42,49,007
309	Apr-22	Import	Railway	462001551	3,575							63,49,665
310	Apr-22	Import	Railway	462001549	3,844							61,04,094
311	Apr-22	Import	Railway	462001571	3,972							67,69,187
312	Apr-22	Import	Railway	462001584	3,924							62,46,202
313	Apr-22	Import	Railway	462001590	3,953							63,50,289
314	Apr-22	Import	Railway	462001598	3,565							63,82,388
315	Apr-22	Import	Railway	462001594	3,916							62,50,876
316	Jun-22	Import	Railway	462001667	3,947							64,13,864
317	Jun-22	Import	Railway	462001671	3,903							62,35,917
318	Jun-22	Import	Railway	462001677	3,984							64,18,226
319	Jun-22	Import	Railway	462001691	3,929							63,77,163
320	Jul-22	Import	Railway	462001702	3,842							63,17,401
321	Jul-22	Import	Railway	462001705	3,710							59,27,393

S. No.	Received Month	Type of Coal procured e.g. FSA, E-Auction etc.	Type of Transportation Railway / Road	Transporter Bill No.	Transporter Bill Qty	Received Qty	Basic Amount as per invoice	Other taxes and cess related to coal purchase excluding GST	IGST	CGST	SGST	Total
322	Jul-22	Import	Railway	462001710	3,065							50,25,195
323	Jul-22	Import	Railway	462001695	3,677							63,52,782
324	Jul-22	Import	Railway	462001712	3,305							58,19,877
325	Jul-22	Import	Railway	462001718	3,825							62,46,202
326	Jul-22	Import	Railway	462001722	3,748							62,25,633
327	Aug-22	Import	Railway	462001731	3,819							61,86,054
328	Aug-22	Import	Railway	462001729	3,774							62,51,499
329	Aug-22	Import	Railway	452000042	3,752							61,35,258
330	Aug-22	Import	Railway	462001762	3,263							54,94,837
331	Aug-22	Import	Railway	462001714	3,263							55,13,536
332	Aug-22	Import	Railway	462001735	3,389							57,21,711
333	Aug-22	Import	Railway	462001736	2,986							52,33,994
334	Aug-22	Import	Railway	462001749	3,346							55,25,378
335	Aug-22	Import	Railway	462001754	3,490							58,15,515
336	Aug-22	Import	Railway	462001756	3,086							53,93,395
337	Aug-22	Import	Railway	462001755	3,431							58,23,306
338	Aug-22	Import	Railway	462001766	2,969							49,92,473
339	Aug-22	Import	Railway	462001767	3,568							57,78,118
340	Aug-22	Import	Railway	462001770	3,263							51,50,475
341	Aug-22	Import	Railway	462001776	2,968							47,96,452
342	Aug-22	Import	Railway	462001780	2,698							42,06,518
343	Sep-22	Import	Railway	462001789	1,882							55,16,340
344	Sep-22	Import	Railway	462001796	3,712							62,34,359
345	Sep-22	Import	Railway	452000003	3,656							54,53,336
346	Sep-22	Import	Railway	462001790	3,122							51,07,482
347	Sep-22	Import	Railway	462000038	3,356							51,15,844
348	Sep-22	Import	Railway	462000039	3,252							50,93,526
349	Sep-22	Import	Railway	462000041	3,193							48,18,601
350	Sep-22	Import	Railway	462001800	3,271							58,69,740
351	Sep-22	Import	Railway	462000044	3,563							54,85,941
352	Sep-22	Import	Railway	442000122	3,268							58,63,507
353	Sep-22	Import	Railway	442000006	3,251							49,71,038
354	Sep-22	Import	Railway	442000007	3,576							54,20,147
355	Sep-22	Import	Railway	462001806	2,791							48,63,143
356	Sep-22	Import	Railway	462000047	3,209							47,87,751
357	Sep-22	Import	Railway	462001810	1,604							57,78,118
358	Oct-22	Import	Railway	462000049	3,650							55,37,051
359	Oct-22	Import	Railway	462000052	3,214							49,44,896
360	Oct-22	Import	Railway	442000009	3,656							55,52,617
361	Oct-22	Import	Railway	462001825	3,444							57,42,584
362	Oct-22	Import	Railway	462000058	3,303							51,06,740
363	Oct-22	Import	Railway	462000063	3,338							51,91,627
364	Oct-22	Import	Railway	462001832	3,366							58,64,443
365	Oct-22	Import	Railway	462001812	3,253							57,46,642
366	Oct-22	Import	Railway	462000050	3,272							51,16,138
367	Oct-22	Import	Railway	462000051	2,890							45,18,423
368	Oct-22	Import	Railway	462001819	3,426							57,35,735
369	Oct-22	Import	Railway	462001820	3,366							58,79,401
370	Oct-22	Import	Railway	462001824	2,799							49,36,378
371	Oct-22	Import	Railway	442000010	3,405							51,85,175
372	Oct-22	Import	Railway	462001828	2,908							49,91,227
373	Oct-22	Import	Railway	462000064	3,588							54,61,855
374	Oct-22	Import	Railway	462000066	3,454							52,84,444
375	Dec-22	Import	Railway	462000072	4,028							58,87,333
376	Dec-22	Import	Railway	462001886	3,019							53,84,517
377	Dec-22	Import	Railway	462000073	4,033							59,28,462
378	Dec-22	Import	Railway	462001899	3,250							57,87,155
379	Dec-22	Import	Railway	462001903	2,948							50,86,589
380	Dec-22	Import	Railway	462001911	2,760							52,06,259
381	Dec-22	Import	Railway	462000084	3640.13							54,63,324
382	Dec-22	Import	Railway	462001917	3133.41							58,08,672
383	Jan-23	Import	Railway	462001935	3134.66							53,04,113
384	Jan-23	Import	Railway	462001937	3031.22							54,17,726
385	Jan-23	Import	Railway	462001942	3410.04							56,96,780
386	Jan-23	Import	Railway	462001957	3338.31							58,09,434

BHARAT ALUMINIUM CO. LTD. balco KORBA

S. No.	Received Month	Type of Coal procured e.g. FSA, E-Auction etc.	Type of Transportation Railway / Road	Transporter Bill No.	Transporter Bill Qty	Received Qty	Basic Amount as per invoice	Other taxes and cess related to coal purchase excluding GST	IGST	CGST	SGST	Total
387	Feb-23	Import	Railway	262000303	3793.7							66,78,284
388	Feb-23	Import	Railway	262000304	3207.98							67,37,841
389	Mar-23	Import	Railway	262000306	2394.8							46,37,480
390	Mar-23	Import	Railway	442000141	2513.17							52,01,272
391	Mar-23	Import	Railway	462000100	1683.44							57,10,054
392	Mar-23	FSA	Road	T/22-23/730	1805.5							4,88,478
393	Mar-23	FSA	Road	T/22-23/731	2744.6							7,42,552
394	Mar-23	FSA	Road	T/22-23/732	4014.7							10,86,177
395	Mar-23	FSA	Road	T/22-23/733	3787.5							10,24,708
396	Mar-23	FSA	Road	T/22-23/734	3981.1							10,77,087
397	Mar-23	FSA	Road	T/22-23/735	551.9							1,49,317
398	Mar-23	FSA	Road	T/22-23/736	4097.7							11,08,633
399	Mar-23	FSA	Road	T/22-23/737	3632.7							9,82,827
400	Mar-23	FSA	Road	T/22-23/738	596							1,61,248
401	Mar-23	FSA	Road	T/22-23/739	3559.9							9,63,131
402	Mar-23	FSA	Road	T/22-23/740	2874.5							7,77,696
403	Mar-23	FSA	Road	T/22-23/741	1031.8							2,79,153
404	Mar-23	FSA	Road	T/22-23/742	1,174							3,17,572
405	Mar-23	FSA	Road	T/22-23/743	761							2,05,834
406	Mar-23	FSA	Road	T/22-23/744	51							13,879
407	Dec-22	FSA	Road	T/22-23/414	3,178							8,26,384
408	Dec-22	FSA	Road	T/22-23/415	3,322							8,63,720
409	Dec-22	FSA	Road	T/22-23/416	3,508							9,12,163
410	Dec-22	FSA	Road	T/22-23/417	3,616							9,40,238
411	Dec-22	FSA	Road	T/22-23/418	2,763							7,18,354
412	Dec-22	FSA	Road	T/22-23/407	3,214							8,35,744
413	Dec-22	FSA	Road	T/22-23/412	3,014							7,83,614
414	Dec-22	FSA	Road	T/22-23/413	3,603							9,36,650
415	Dec-22	FSA	Road	T/22-23/408	3,226							8,38,682
416	Dec-22	FSA	Road	T/22-23/409	3,231							8,40,138
417	Dec-22	FSA	Road	T/22-23/410	3,171							8,24,382
418	Dec-22	FSA	Road	T/22-23/411	3,558							9,24,950
419	Sep-22	E-Auction	Road	81/MSPL/2022-23	2,793							2,93,234
420	Sep-22	E-Auction	Road	91/MSPL/2022-23	3,002							3,15,221
421	Sep-22	E-Auction	Road	92/MSPL/2022-23	3,266							3,42,951
422	Sep-22	E-Auction	Road	93/MSPL/2022-23	3,190							3,34,933
423	Sep-22	E-Auction	Road	94/MSPL/2022-23	3,445							3,61,716
424	Sep-22	E-Auction	Road	85/MSPL/2022-23	3,568							3,74,682
425	Sep-22	E-Auction	Road	86/MSPL/2022-23	3,623							380436
426	Sep-22	E-Auction	Road	87/MSPL/2022-23	3,655							3,83,765
427	Sep-22	E-Auction	Road	82/MSPL/2022-23	3,442							3,59,329
428	Sep-22	E-Auction	Road	83/MSPL/2022-23	3,290							3,45,398
429	Oct-22	E-Auction	Road	88/MSPL/2022-23	3,509							3,45,002
430	Feb-23	E-Auction	Road	84/MSPL/2022-23	3,215							3,37,586
431	Sep-22	E-Auction	Road	89/MSPL/2022-23	3,120							2,94,468
432	Sep-22	E-Auction	Road	90/MSPL/2022-23	3,551							3,06,243
433	Sep-22	E-Auction	Road		3,610							3,16,621
434	Sep-22	E-Auction	Road	MSPL/2022-23/110	3,333							3,11,024
435	Sep-22	E-Auction	Road	111/MSPL/2022-23	1,574							3,24,996
436	Oct-22	E-Auction	Road	MSPL/2022-23/129	3,316							2,84,154
437	Oct-22	E-Auction	Road	MSPL/22-23/810	1,702							1,78,700
438	Sep-22	E-Auction	Road	BLC/22-23/T/192	3,685							38,97,450
439	Sep-22	E-Auction	Road	BLC/22-23/T/193	3,422							36,19,378
440	Sep-22	E-Auction	Road	BLC/22-23/T/194	3,710							39,23,787
441	Sep-22	E-Auction	Road	BLC/22-23/T/208	3,475							36,75,436
442	Oct-22	E-Auction	Road	BLC/22-23/T/246	2,947							31,16,754
443	Sep-22	E-Auction	Road	BLC/22-23/T/181	17,793							1,88,19,830
444	Sep-22	E-Auction	Road	BLC/22-23/T/191	10,405							1,10,05,081
445	Sep-22	E-Auction	Road	BLC/22-23/T/232	18,487							1,95,53,408
446	Sep-22	E-Auction	Road	BLC/22-23/T/190	1,540							16,28,523
447	Feb-23	E-Auction	Road	BLC/22-23/T/305	187							1,98,215
448	Mar-23	E-Auction	Road	BLC/22-23/T/306	1,038							10,97,575
449	Aug-22	E-Auction	Road	BLC/22-23/T/138	18,496							1,66,46,003
450	Aug-22	E-Auction	Road	BLC/22-23/T/168	14,176							1,27,58,599
451	Sep-22	E-Auction	Road	BLC/22-23/T/224	2,138							19,23,795

BHARAT ALUMINIUM CO. LTD. KORBA

S. No.	Received Month	Type of Coal procured e.g. FSA, E-Auction etc.	Type of Transportation Railway / Road	Transporter Bill No.	Transporter Bill Qty	Received Qty	Basic Amount as per invoice	Other taxes and cess related to coal purchase excluding GST	IGST	CGST	SGST	Total
452	Aug-22	E-Auction	Road	BLC/22-23/T/157	3,117							29,60,770
453	Aug-22	E-Auction	Road	BLC/22-23/T/169	3,307							31,41,365
454	Sep-22	E-Auction	Road	BLC/22-23/T/179	3,476							33,02,295
455	Sep-22	E-Auction	Road	BLC/22-23/T/209	3,690							35,05,880
456	Sep-22	E-Auction	Road	BLC/22-23/T/212	3,108							29,52,790
457	Sep-22	E-Auction	Road	BLC/22-23/T/237	3,684							34,99,990
458	Sep-22	E-Auction	Road	BLC/22-23/T/238	3,318							31,51,720
459	Aug-22	E-Auction	Road	BLC/22-23/T/182	3,460							32,87,285
460	Sep-22	E-Auction	Road	BLC/22-23/T/183	3,819							36,28,050
461	Sep-22	E-Auction	Road	BLC/22-23/T/184	3,497							33,21,960
462	Jul-22	E-Auction	Road	BLC/22-23/T/059	1,898							20,88,243
463	Jul-22	E-Auction	Road	BLC/22-23/T/071	8,185							90,03,027
464	Jul-22	E-Auction	Road	BLC/22-23/T/090	10,324							1,13,55,927
465	Jul-22	E-Auction	Road	BLC/22-23/T/081	6,327							69,59,443
466	Aug-22	E-Auction	Road	BLC/22-23/T/104	2,968							32,64,573
467	Aug-22	E-Auction	Road	BLC/22-23/T/102	3,929							43,22,047
468	Jun-22	E-Auction	Road	BLC/22-23/T/037	4,134							20,66,776
469	Jun-22	E-Auction	Road	ARC/2022-23/252	8,777							96,55,059
470	Jun-22	E-Auction	Road	ARC/2022-23/282	8,193							90,12,678
471	Jun-22	E-Auction	Road	ARC/2022-23/293	6,918							76,09,415
472	Jul-22	E-Auction	Road	ARC/2022-23/318	5,229							57,51,867
473	Jun-22	E-Auction	Road	ARC/2022-23/301	3,307							36,38,140
474	Jun-22	E-Auction	Road	ARC/2022-23/302	3,575							39,32,060
475	Jun-22	E-Auction	Road	ARC/2022-23/303	3,749							41,23,460
476	Jun-22	E-Auction	Road	ARC/2022-23/304	3,380							37,17,670
477	Jul-22	E-Auction	Road	ARC/2022-23/372	3,549							39,04,340
478	Jul-22	E-Auction	Road	ARC/2022-23/373	3,836							42,19,820
479	Jul-22	E-Auction	Road	ARC/2022-23/374	3,428							37,70,910
480	Sep-22	E-Auction	Road	T/22-23/192	3,711							12,15,506
481	Sep-22	E-Auction	Road	T/22-23/193	3,742							29,33,963
482	Sep-22	E-Auction	Road	T/22-23/195	3,504							11,47,495
483	Sep-22	E-Auction	Road	T/22-23/191	3,614							11,83,618
484	Sep-22	E-Auction	Road	T/22-23/194	3,327							10,89,724
485	Jun-22	E-Auction	Road	BLC/22-23/T/042	2,523							27,75,133
486	Jun-22	E-Auction	Road	BLC/22-23/T/051	3,326							36,58,882
487	Jul-22	E-Auction	Road	BLC/22-23/T/052	6,126							67,38,745
488	Jul-22	E-Auction	Road	BLC/22-23/T/058	2,054							22,59,619
489	Jul-22	E-Auction	Road	BLC/22-23/T/070	440							4,83,967
490	Jul-22	E-Auction	Road	T/22-23/070	9,181							59,67,952
491	Apr-22	E-Auction	Road	ARC/2022-23/78	6,000							55,80,010
492	May-22	E-Auction	Road	ARC/2022-23/207	2,023							18,81,294
493	May-22	E-Auction	Road	ARC/2022-23/166	1,840							17,10,938
494	Apr-22	E-Auction	Road	ARC/2022-23/79	2,235							15,64,773
495	May-22	E-Auction	Road	ARC/2022-23/208	3,165							22,15,334
496	May-22	E-Auction	Road	ARC/2022-23/167	3,344							23,40,762
497	Jun-22	E-Auction	Road	ARC/2022-23/221	4,033							28,23,182
498	May-22	E-Auction	Road	ARC/2022-23/203	617							4,31,788
499	May-22	E-Auction	Road	ARC/2022-23/181	3,321							23,24,560
500	May-22	E-Auction	Road	ARC/2022-23/180	3,503							24,52,380
501	May-22	E-Auction	Road	ARC/2022-23/205	3,598							25,18,390
502	May-22	E-Auction	Road	ARC/2022-23/206	3,622							25,35,190
503	Jun-22	E-Auction	Road	ARC/2022-23/251	4,003							28,02,037
504	May-22	E-Auction	Road	T/22-23/018	556							3,89,464
505	Jun-22	E-Auction	Road	T/22-23/029	429							3,00,353
506	May-22	E-Auction	Road	T/22-23/016	3,243							14,67,439
507	May-22	E-Auction	Road	T/22-23/017	3,450							15,61,329
508	May-22	E-Auction	Road	T/22-23/021	3,204							14,49,584
509	Apr-22	E-Auction	Road	BLC/22-23/T/001	3,834							24,15,680
510	Apr-22	E-Auction	Road	BLC/22-23/T/005	3,403							21,44,019
511	Apr-22	E-Auction	Road	BLC/22-23/T/008	2,385							15,02,519
512	Apr-22	E-Auction	Road	BLC/22-23/T/013	1,299							8,18,150
513	Aug-22	E-Auction	Road	MSPL/22-23/304	3,537							7,07,320
514	Aug-22	E-Auction	Road	MSPL/22-23/305	3,345							6,68,920
515	Sep-22	E-Auction	Road	MSPL/22-23/337	3,285							6,57,080
516	Sep-22	E-Auction	Road	MSPL/22-23/338	3,853							7,70,500

BHARAT ALUMINIUM CO. LTD. KORBA

S. No.	Received Month	Type of Coal procured e.g. FSA, E-Auction etc.	Type of Transportation Railway / Road	Transporter Bill No.	Transporter Bill Qty	Received Qty	Basic Amount as per invoice	Other taxes and cess related to coal purchase excluding GST	IGST	CGST	SGST	Total
517	Sep-22	E-Auction	Road	MSPL/22-23/342	3,831							7,66,220
518	Sep-22	E-Auction	Road	MSPL/22-23/343	3,336							6,67,140
519	Sep-22	E-Auction	Road	MSPL/22-23/352	3,925							7,84,900
520	Sep-22	E-Auction	Road	MSPL/22-23/362	3,848							7,69,500
521	Sep-22	E-Auction	Road	MSPL/22-23/391	3,936							7,87,260
522	Sep-22	E-Auction	Road	MSPL/22-23/392	3,897							7,79,480
523	Oct-22	E-Auction	Road	MSPL/22-23/511	3,564							7,12,820
524	Aug-22	E-Auction	Road	SIOR/RDF22/0001	3,610							40,70,907
525	Sep-22	E-Auction	Road	SIOR/RDF22/0012	3,587							40,45,644
526	Aug-22	E-Auction	Road	SIOR/RDF22/0008	3,471							39,14,255
527	Aug-22	E-Auction	Road	SIOR/RDF22/0010	3,489							39,35,345
528	Dec-22	E-Auction	Road	SIOR/RDF22/0024	2,366							26,68,375
529	Aug-22	E-Auction	Road	SIOR/RDF22/0003	1,202							12,28,035
530	Aug-22	E-Auction	Road	SIOR/RDF22/0007	3,697							37,78,130
531	Sep-22	E-Auction	Road	SIOR/RDF22/0013	3,589							36,67,447
532	Aug-22	E-Auction	Road	SIOR/RDF22/009	3,342							34,15,217
533	Aug-22	E-Auction	Road	SIOR/RDF22/0011	3,208							32,78,678
534	Oct-22	E-Auction	Road	SIOR/RDF22/0014	3,528							36,05,309
535	Oct-22	E-Auction	Road	SIOR/RDF22/0015	2,892							29,55,420
536	Dec-22	E-Auction	Road	SIOR/RDF22/0025	1,358							13,87,978
537	Jan-23	E-Auction	Road	SIOR/RDF22/0039	3,687							37,68,523
538	Feb-23	E-Auction	Road	SIOR/RDF22/0047	3,667							37,47,674
539	Aug-22	E-Auction	Road	SIOR/SUP22/0004	2,197							11,56,484
540	Jan-23	E-Auction	Road	BBLS/BALCO/07	3,379							35,47,425
541	Jan-23	E-Auction	Road	BBLS/BALCO/03	3,285							34,49,040
542	Jul-22	E-Auction	Road	BBLS/22-23/014	3,854							40,46,490
543	Aug-22	E-Auction	Road	SIOR/SUP22/0002	3,576							24,26,045
544	Apr-22	E-Auction	Road	BBLS/22-23/001	3,832							40,23,705
545	Apr-22	E-Auction	Road	BBLS/22-23/003	3,903							40,98,150
546	Apr-22	E-Auction	Road	BBLS/22-23/005	3,424							35,95,304
547	Sep-22	E-Auction	Road	BLC/22-23/T/225	4,963							54,59,204
548	Mar-23	E-Auction	Road	BALCO/22-23/194	34,996							1,50,48,254
549	Mar-23	E-Auction	Road	RB/22-23/0042	34,766							1,49,49,267
550	Mar-23	E-Auction	Road	T/22-23/698	79,961							3,43,83,243
551	Aug-22	E-Auction	Road	JH/22-23/BLC01	3,765							29,36,700
552	Aug-22	E-Auction	Road	JH/22-23/BLC02	3,933							30,67,584
553	Aug-22	E-Auction	Road	JH/22-23/BLC03	3,834							29,90,130
554	Aug-22	E-Auction	Road	JH/22-23/BLC07	3,686							28,75,392
555	Aug-22	E-Auction	Road	JH/22-23/BLC08	3,864							30,13,998
556	Aug-22	E-Auction	Road	JH/22-23/BLC11	3,931							30,66,414
557	Aug-22	E-Auction	Road	JH/22-23/BLC12	3,758							29,30,850
558	Nov-22	E-Auction	Road	JH/22-23/BLC15	2,857							22,28,538

BHARAT ALUMINIUM CO. LTD. balco ★ KORBA ★

Billwise Secondary Fuel Details - (Annexure-6)

Monthwise Coal Details for the FY 2022-23

S. No.	Received Month	Type of Secondary fuel procured e.g. HSD, LDO etc.	Bill No.	Bill Qty (KL)	Received Qty (KL)	Basic Amount as per invoice	Other taxes and cess related to secondary fuel purchase excluding GST	IGST	CGST	SGST	Total (A)	Amount paid for transportation	IGST	CGST	SGST	Total (B)	Gross bill amount (A + B)	GCV as receive basis
1	Apr-22	HSD	CT5532001299	25													18,15,809	
2	Apr-22	HSD	CT5532000928	25													18,15,809	
3	Apr-22	HSD	CT5532001120	25													18,15,809	
4	Apr-22	HSD	CT5532001304	25													18,15,809	
5	May-22	HSD	CT5532004816	26													21,59,271	
6	May-22	HSD	CT5532004926	25													20,76,222	
7	May-22	HSD	CT5532005217	24													19,93,173	
8	May-22	HSD	CT5532005678	25													20,76,222	
10	May-22	HSD	CT5532006517	25													20,52,327	
11	May-22	HSD	CT5532006575	20													16,41,862	
12	May-22	HSD	CT5532005219	25													20,76,222	
13	Jun-22	HSD	CT5532009269	25													19,07,672	
14	Jun-22	HSD	CT5532009462	25													19,07,672	
15	Jun-22	HSD	CT5532009629	25													19,07,672	
16	Jun-22	HSD	CT5532009740	24													18,31,365	
17	Jun-22	HSD	CT5532009745	25													19,07,672	
18	Jun-22	HSD	CT5532009881	25													19,07,672	
19	Jun-22	HSD	CT5532009857	25													19,07,672	
20	Jun-22	HSD	CT5532011260	25													19,21,832	
21	Jun-22	HSD	CT5532010523	24													18,44,959	
22	Jun-22	HSD	CT5532011125	25													19,21,832	
23	Jun-22	HSD	CT5532011139	24													18,44,959	
24	Jun-22	HSD	CT5532011509	25													19,21,832	
25	Jul-22	HSD	CT5532014475	25													18,36,960	
26	Jul-22	HSD	CT5532013669	25													18,36,960	
27	Jul-22	HSD	CT5532014036	25													18,36,960	
28	Jul-22	HSD	CT5532014333	25													18,36,960	
29	Jul-22	HSD	CT5532014060	25													18,36,960	
30	Jul-22	HSD	CT5532013723	24													18,36,960	
31	Jul-22	HSD	CT5532013855	25													17,63,482	
32	Jul-22	HSD	CT5532014455	25													18,36,960	
33	Jul-22	HSD	CT5532015108	26													18,36,960	
34	Jul-22	HSD	CT5532015043	25													19,10,439	
35	Aug-22	HSD	CT5532020262	25													18,36,960	
36	Aug-22	HSD	CT5532019931	25													14,52,959	
37	Aug-22	HSD	CT5532020226	25													14,52,959	
38	Aug-22	HSD	CT5532019606	25													14,52,959	
39	Sep-22	HSD	CT5532024810	26													14,83,639	
40	Sep-22	HSD	CT5532024855	20													15,05,248	
41	Sep-22	HSD	CT5532024970	24													11,57,883	
42	Sep-22	HSD	CT5532024834	25													13,89,460	
43	Sep-22	HSD	CT5532024927	25													14,47,354	
44	Sep-22	HSD	CT5532025180	25													14,47,354	
45	Sep-22	HSD	CT5532026204	25													13,56,199	
46	Sep-22	HSD	CT5532027150	25													13,56,199	
47	Sep-22	HSD	CT5532026196	25													13,56,199	
48	Sep-22	HSD	CT5532027028	25													13,56,199	
49	Oct-22	HSD	CT5532029037	24													13,56,199	
50	Oct-22	HSD	CT5532029031	20													12,64,263	
51	Oct-22	HSD	CT5532029039	26													10,53,553	
52	Oct-22	HSD	CT5532028868	25													13,69,618	
53	Oct-22	HSD	CT5532028851	25													13,16,941	
54	Oct-22	HSD	CT5532029393	25													13,16,941	
55	Oct-22	HSD	CT5532029509	25													13,16,941	
56	Oct-22	HSD	CT5532029877	25													13,16,941	
57	Oct-22	HSD	CT5532029588	25													13,16,941	
58	Oct-22	HSD	CT5532030763	25													13,16,941	
59	Oct-22	HSD	CT5532030277	25													13,40,541	
60	Oct-22	HSD	CT5532030461	25													13,40,541	
61	Oct-22	HSD	CT5532030431	25													13,40,541	
62	Oct-22	HSD	CT5532030593	25													13,40,541	
63	Oct-22	HSD	CT5532030619	25													13,40,541	
64	Nov-22	HSD	CT5532035376	25													13,40,541	
65	Dec-22	HSD	CT5532040920	25													13,22,841	
66	Dec-22	HSD	CT5532040918	25													11,59,684	
																	11,59,684	

S. No.	Received Month	Type of Secondary fuel procured e.g. HSD, LDO etc.	Bill No.	Bill Qty (KL)	Received Qty (KL)	Basic Amount as per invoice	Other taxes and cess related to secondary fuel purchase excluding GST	IGST	CGST	SGST	Total (A)	Amount paid for transportation	IGST	CGST	SGST	Total (B)	Gross bill amount (A + B)	GCV as receive basis
67	Jan-23	HSD	CT5532045420	25													12,09,294	
68	Jan-23	HSD	CT5532045675	25													12,09,294	
69	Jan-23	HSD	CT5532046165	25													12,02,207	
70	Jan-23	HSD	CT5532046172	20													9,61,765	
71	Feb-23	HSD	CT5532050415	25													12,50,566	
72	Feb-23	HSD	CT5532050493	24													12,00,543	
73	Feb-23	HSD	CT5532055436	24													13,26,567	
74	Feb-23	HSD	CT5532055438	25													13,81,842	
75	Feb-23	HSD	CT5532055111	25													13,81,842	
76	Feb-23	HSD	CT5532055118	25													13,81,842	
77	Apr-22	LDO	CT5532002958	24													23,25,327	
78	May-22	LDO	CT5532004922	29													29,55,206	
79	May-22	LDO	CT5532004516	24													24,76,839	
80	May-22	LDO	CT5532005473	29													29,55,206	
81	May-22	LDO	AP5538012752	25													26,21,159	
82	May-22	LDO	AP5538012754	25													26,21,159	
83	May-22	LDO	AP5538012755	25													26,21,159	
84	May-22	LDO	AP5538012753	25													26,21,159	
85	Apr-22	LDO	AP5538015733	30													30,55,728	
86	May-22	LDO	AP5538015673	30													30,55,728	
87	May-22	LDO	CT5532007000	24													24,91,282	
88	May-22	LDO	CT5532006242	29													30,10,300	
89	May-22	LDO	CT5532005939	24													24,91,282	
90	May-22	LDO	CT5532006273	29													30,10,300	
91	May-22	LDO	CT5532010217	24													23,57,612	
92	Jun-22	LDO	CT5532008583	24													23,57,612	
93	Jun-22	LDO	CT5532009557	24													23,57,612	
94	Jun-22	LDO	AP5538025148	30													28,88,640	
95	Jun-22	LDO	AP5538025145	30													28,88,640	
96	Jun-22	LDO	AP5538025458	30													28,88,640	
97	Jun-22	LDO	CT5532010360	29													31,74,898	
98	Jun-22	LDO	CT5532011087	29													31,74,898	
99	Jun-22	LDO	CT5532011480	24													26,27,502	
100	Jun-22	LDO	CT5532009438	29													28,48,781	
101	Jun-22	LDO	CT5532008157	29													30,00,034	
102	May-22	LDO	CT5532008158	29													30,00,034	
103	May-22	LDO	AP5538030861	30													32,26,002	
104	Jun-22	LDO	AP5538030835	30													32,26,002	
105	Jun-22	LDO	AP5538037990	30													29,89,176	
106	Jul-22	LDO	AP5538038014	30													29,89,176	
107	Jul-22	LDO	CT5532014257	29													32,82,830	
108	Jul-22	LDO	CT5532014125	29													32,82,830	
109	Jul-22	LDO	CT5532015854	22													22,37,875	
110	Jul-22	LDO	CT5532015853	22													22,37,875	
111	Jul-22	LDO	CT5532019815	20													18,02,821	
112	Aug-22	LDO	CT5532019266	22													20,52,157	
113	Aug-22	LDO	CT5532019614	26													24,25,277	
114	Aug-22	LDO	CT5532022918	29													26,14,091	
115	Aug-22	LDO	CT5532022905	29													26,14,091	
116	Aug-22	LDO	AP5538049249	30													27,37,482	
117	Aug-22	LDO	AP5538049276	30													27,37,482	
118	Aug-22	LDO	AP5538051136	30													26,43,318	
119	Aug-22	LDO	CT5532025414	32													29,69,852	
120	Sep-22	LDO	CT5532025124	20													18,56,157	
121	Sep-22	LDO	CT5532025413	32													29,69,852	
122	Sep-22	LDO	CT5532024648	29													27,19,831	
123	Sep-22	LDO	CT5532023735	29													27,19,831	
124	Sep-22	LDO	AP5538061867	30													27,23,322	
125	Sep-22	LDO	AP5538061424	30													27,52,704	
126	Sep-22	LDO	AP5538061425	30													27,52,704	
127	Sep-22	LDO	CT5532027932	29													26,91,428	
128	Sep-22	LDO	CT5532027552	29													26,91,428	
129	Sep-22	LDO	CT5532027555	29													26,91,428	
130	Sep-22	LDO	CT5532028435	29													24,13,874	
131	Oct-22	LDO	AP5538061863	30													27,23,322	
132	Sep-22	LDO	CT5532030730	29													26,78,052	
133	Oct-22	LDO	CT5532030200	29													26,78,052	
134	Oct-22	LDO	CT5532030786	34													31,39,786	

BHARAT ALUMINIUM CO. LTD. KORBA

S. No.	Received Month	Type of Secondary fuel procured e.g. HSD, LDO etc.	Bill No.	Bill Qty (KL)	Received Qty (KL)	Basic Amount as per invoice	Other taxes and cess related to secondary fuel purchase excluding GST	IGST	CGST	SGST	Total (A)	Amount paid for transportation	IGST	CGST	SGST	Total (B)	Gross bill amount (A + B)	GCV as receive basis
135	Oct-22	LDO	CT5532029697	34													28,30,059	
136	Oct-22	LDO	CT5532029698	29													24,13,874	
137	Oct-22	LDO	CT5532034360	34													32,47,307	
138	Nov-22	LDO	AP5538076633	30													27,07,392	
139	Oct-22	LDO	AP5538076608	30													27,07,392	
140	Oct-22	LDO	20234431B024737	30													27,07,392	
141	Oct-22	LDO	CT5538076019	30													27,07,392	
142	Oct-22	LDO	CT5532035968	29													27,51,968	
143	Nov-22	LDO	CT5532038559	29													25,49,728	
144	Dec-22	LDO	CT5532039217	34													29,89,336	
145	Dec-22	LDO	CT5532039575	34													29,89,336	
146	Dec-22	LDO	CT5532043649	24													19,20,311	
147	Nov-22	LDO	CT5532043067	29													23,20,376	
148	Nov-22	LDO	CT5532043310	29													23,20,376	
149	Nov-22	LDO	CT5532041651	24													19,20,311	
150	Nov-22	LDO	CT5532045206	29													23,90,255	
151	Dec-22	LDO	CT5532045423	29													23,90,255	
152	Dec-22	LDO	CT5532046607	29													23,19,427	
153	Dec-22	LDO	CT5532044002	24													19,78,142	
154	Jan-23	LDO	CT5532046474	24													19,19,527	
155	Jan-23	LDO	CT5532050528	24													20,31,107	
156	Dec-22	LDO	CT5532050529	29													24,54,254	
157	Jan-23	LDO	CT5532052165	24													19,63,139	
158	Jan-23	LDO	CT5532051586	29													23,72,126	
159	Jan-23	LDO	CT5532050869	34													28,77,401	
160	Feb-23	LDO	CT5532056427	20													13,60,905	
161	Feb-23	LDO	CT5532056248	24													18,89,790	
162	Apr-22	LDO	CT5532055353	29													23,04,370	
163	Apr-22	LDO	CT5532055213	24													19,07,065	
164	Apr-22	LDO	CT5532055092	29													23,04,370	
165	Apr-22	LDO	CT5532054914	34													27,01,675	

BHARAT ALUMINIUM CO. LTD.
balco
KORBA

Data from P&L - (Annexure-7)

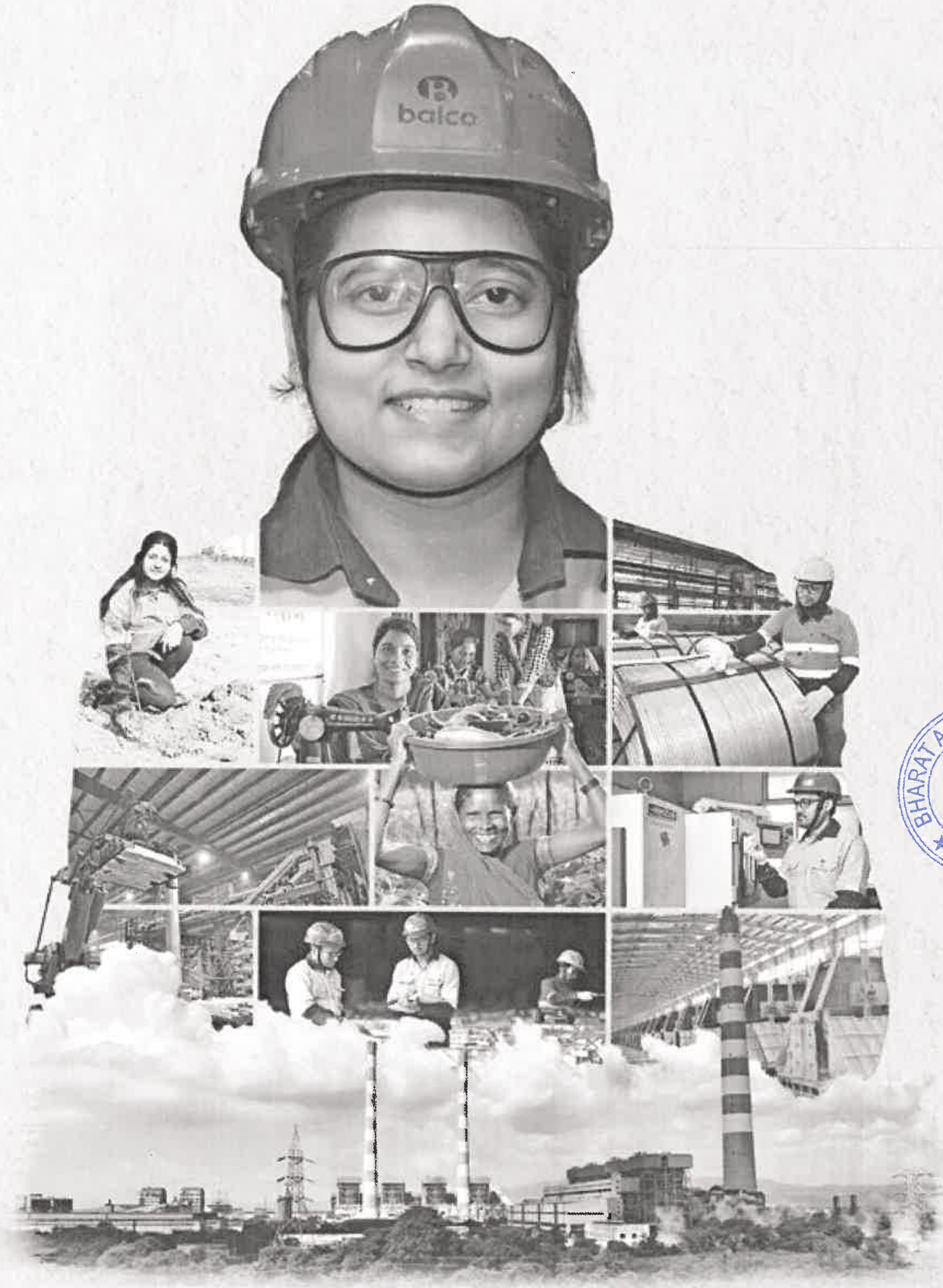
Details of Coal and Secondary Fuel consumed for FY 2022-23 as per Audited P&L Account.

S. No.	Particular	Amount as per P&L a/c.	Reconciled if organisation has many business and having consolidated P&L		Remarks
			Expenses related to generation under consideration	Other business (if company has other business)	
		A = B + C	B	C	
1	Cost of Fuel Consumed:	48,80,66,00,000	6,30,35,31,271	42,50,30,68,729	*Expenses related to generation under consideration- Sum of total coal and oil conusmption as per A-2 and A-3.*
1.1	Coal Cost (duly reconcilled with S. No. 2 below)	0			
2	Other Coal related cost (if any)	0			
2.1	Coal Transportation Cost	NA	NA	NA	
2.2	Demurrage charges	NA	NA	NA	
2.3	Testing Charges of Coal (As per Regulations)	NA	NA	NA	
2.4	Other coal related cost (please specify the nature of cost)	NA	NA	NA	
3	Cost of Secondary Fuel:	0			
3.1	HSD	NA	NA	NA	
3.2	LDO	NA	NA	NA	
3.3	Etc.	0			
4	Other Secondary Fuel related cost (if any)	0			
4.1	Transportation cost	NA	NA	NA	
4.2	Other Secondary Fuel related cost	NA	NA	NA	

BHARAT ALUMINIUM CO. LTD. ★ KORBA ★

Bharat Aluminium Company Limited
Integrated Annual Report **2022-23**

vedanta
transforming for good
balco



Sustainable value creation

DEFINING OUR WAY FORWARD

BHARAT ALUMINIUM CO. LTD.
balco
KORBA

Sustainable value creation has become a business imperative for companies across the globe. We understand how critical it is in light of the market's extremely high volatility, soaring human aspirations and unprecedented events.

Sustainable value creation

DEFINING OUR WAY FORWARD

The domestic aluminium industry is crucial for sustaining the infrastructure development of India. With the Government providing an enhanced impetus for infrastructure development in the country, we are in a sweet spot to grow sustainably.

As we continue to shape a sustainable future for generations to come, we intend to sustain our position as one of the largest producers of aluminium, 'the metal of tomorrow', to fulfil our objective of sustainable value creation for all our stakeholders.

About our report

We are pleased to present our first Integrated Annual Report, which includes voluntary information to the extent possible, in accordance with the reporting framework developed and designed by the International Integrated Reporting Council (IIRC).

This report is primarily intended to address the information requirements of stakeholders. Our endeavour is to present this information in a manner that is also relevant to key stakeholders.

This report communicates the information about Bharat Aluminium Company Limited's governance, business model, strategy, opportunity assessment, material risk, operations, and performance for the year 2022-23.

Our Capitals

The report is based on the integrated thinking approach around the six capitals namely the

- Financial capital
- Manufactured capital
- Intellectual capital
- Human capital
- Social and Relationship capital
- Natural capital

The report enables the stakeholders to understand how BALCO manage their resources and relationships while creating sustainable long-term value

Reporting year

The major reporting period for the Annual Report is from 1st April 2022 to 31st March 2023. It provides an overview of the operations and business development activities of the Company for the financial year 2022-23.

Reporting frameworks

The report has been prepared in accordance with the principles recommended by the International Integrated Reporting Council (IIRC) and the GRI (Global Reporting Initiative) Standards.

Approach to materiality

We have utilised the concept of materiality to determine the information that is significant to our stakeholders and should be included in our Integrated Report. In this report, our focus is on addressing the issues, opportunities, and challenges that have a substantial impact on our business operations and our ability to generate enduring value for our shareholders and key stakeholders. We define an issue as material if it has the potential to significantly affect our organisation's capacity to create value in the short, medium, and long term.

The identification of material matters drives our strategic approach and priorities as a company. These matters are instrumental in conveying BALCO's long-term business strategies and objectives, as well as our short to medium-term business plans. We collaborate with all our business units and key stakeholders to gather inputs and identify potential material matters. Subsequently, we rank these material issues based on their relevance and potential impact. Our constant endeavour is to ensure that our strategy remains pertinent in the ever-evolving operational landscape.

Auditor's Report

To ensure the integrity of facts and information, the financial statements are audited by S. R. Batliboi & Co. LLP, Chartered Accountants and the 'Independent Auditor's Report' has been duly incorporated as part of this report.

ALUMINIUM CO. LTD. KORBA

Contents

Know more about Human Capital

Know more about Intellectual Capital

Know more about Manufactured Capital

Know more about Social & Relationship Capital

Disclaimer:

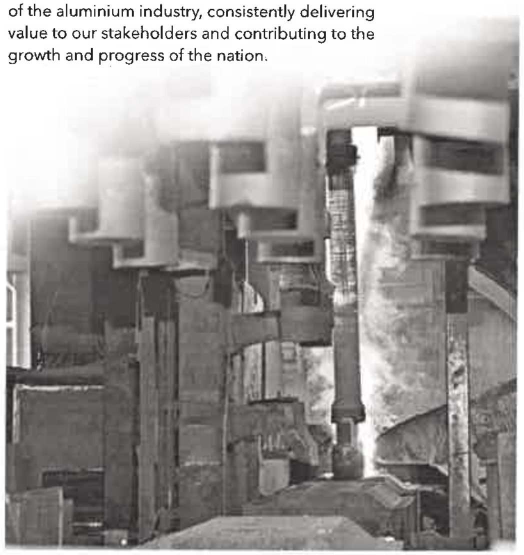
This report covers the reporting period from 1st April 2022 to 31st March 2023 and provides 360° information on Bharat Aluminium Co Ltd (BALCO), a subsidiary of Vedanta Limited. This report aims to provide a concise explanation of BALCO's performance, strategy, operating model, business outputs and outcomes using a multi-capital approach. It includes measures of engagement with identified material stakeholder groups and outlines the organisation's governance framework. This report contains information that we believe is of interest to our stakeholders and presents a discuss on around matters that can impact our ability to create value over the short, medium and long term. This report should be read in conjunction with the annual accounts to gain a complete picture of BALCO's financial performance. The financial statements in our report have been prepared in accordance with the Indian Accounting Standards (Ind AS) notified under the Companies (Indian Accounting Standards) Rules, 2015 (as amended from time to time) and have been independently audited by S R Batliboi & Co. LLP. The Independent Auditors' Report for the financials forms an integral part of this report.

To know more about us visit our website www.balcoindia.com

About BALCO

With a rich legacy spanning several decades, BALCO is a renowned and leading aluminium producer in India and has consistently contributed to the growth and development of the aluminium industry in the country. With state-of-the-art facilities and cutting-edge technologies, we ensure that our products meet the highest standards of performance, durability, and environmental responsibility.

Established in 1965, BALCO has emerged as a flagship company of Vedanta Limited, a globally recognised natural resources conglomerate. Over the years, BALCO has become synonymous with excellence, innovation, and sustainability in the aluminium sector. Our success is deeply rooted in our core values of integrity, customer centricity, and social responsibility. With a strong commitment to continuous improvement and customer satisfaction, we remain at the forefront of the aluminium industry, consistently delivering value to our stakeholders and contributing to the growth and progress of the nation.



Our Vision

To be a world class integrated aluminium and power producer, generating sustainable value for all stakeholders.

Our Mission

To be amongst the top deciles in the global cost curve

Achieve operational excellence

Effective Collaboration with Stakeholders

Ensure resource security with efficient supply chain management

Collaborate effectively with stakeholders

Build and strengthen brand equity

BHARAT ALUMINIUM CO. LTD. ★ KORBA ★ balco

Our Legacy

Bharat Aluminium Company Limited (BALCO) remains the first integrated Indian aluminium manufacturer, established in 1965, engaged in mining, smelting, fabricating and selling aluminium products, primarily in India and internationally.

Core Values

Integrity

We place utmost importance to engaging ethically and transparently with all our stakeholders and believe in being accountable for our actions to maintain the highest standards of professionalism and additionally, comply with international policy and procedures.

Respect

We lay great emphasis on human rights, respecting the principle of free, prior, informed consent. Our engagement with our stakeholders gives local communities the opportunity to voice their opinion and concerns.

Excellence

Our primary focus is delivering value of the highest standard to our stakeholders. We are constantly motivated on improving cost and our quality of production in each of our businesses through a culture of best practice benchmarking.

Care

As we continue to grow, we are committed to the triple bottom line of People, Planet and Prosperity to create a sustainable future in a zero-harm environment for our communities.

Innovation

We inculcate a conducive environment for innovation that leads to a zero-harm environment, exemplifying optimal utilisation of our natural resources, improved efficiencies, and recoveries of by-products.

Trust

We actively foster a culture of mutual trust in our interaction with our stakeholders and encourage an open dialogue, which ensures mutual respect.

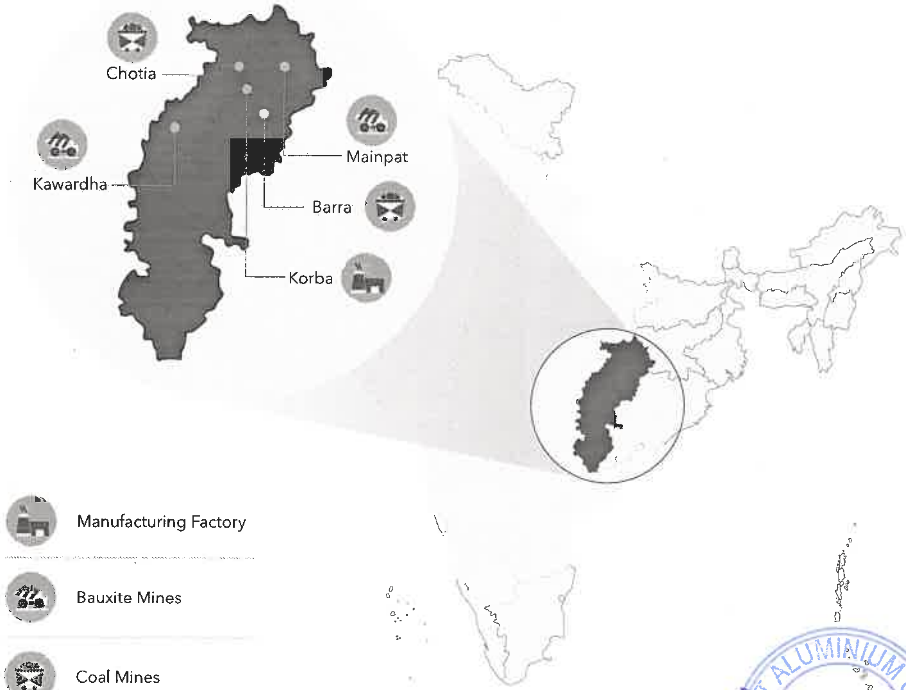
Entrepreneurship

At Vedanta, our people are our most important assets. We actively encourage their development and support them in pursuing their goals.

Geographic footprint

With a strong commitment to innovation, excellence, and sustainability, BALCO has successfully expanded its reach across various industries and regions in India. The diverse presence allows us to tap into different markets, collaborate with local communities, and adapt to the unique needs and demands of each region.

Our manufacturing factory is located in **Korba (Chhattisgarh)**, while our bauxite mines are in **Kawardha and Mainpat**, and our coal mines are in **Chotia and Barra.**



Manufacturing Factory

Bauxite Mines

Coal Mines

Our offerings

With a commitment to innovation and quality, BALCO offers a comprehensive array of cutting-edge products designed to meet the evolving needs of its customers. From aluminium extrusions and profiles to specialised alloys and value-added solutions, we provide solutions that drive efficiency, durability, and sustainability.

Primary products

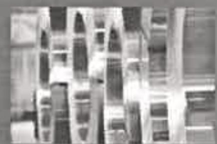

Ingots


Wire Rods


Primary Foundry Alloy

Rolled products


Hot Rolled Coil


Cold Rolled Coils and Strips


Hot Rolled Plates


Cold Rolled Sheets

New products launched


Alloy Wire Rod


Aluminium Circles


Roofing Sheet

Chairman's Insight

We remain bullish about FY24 and our focus areas for the next year include enhancing the quality of our rolled product to ensure improved marketability by installing state-of-the-art machinery, expanding our VAP capacity and improving supply chain efficiency.

S.K. Roongta
Chairman & Independent Director

Dear Shareholders

To create sustainable value for our stakeholders, we have organised various programmes and events, including our quality control initiatives, training on safety rules and regulations, town hall interactions, training and engagement sessions such as BALCO Premier League, volleyball, Suraksha Kutumb, BALCO Talks, Stepathon, fun and fitness workshops and cycling for a noble cause.

The last couple of years have been challenging and uncertain. While we remain optimistic about better prospects, I hope you and your loved ones are healthy and safe. As we enter a new fiscal year, it gives me immense pleasure to look back on the year gone by. Despite multiple headwinds–socioeconomic, geopolitical, as well as the lingering effects of the pandemic–we have successfully steered our company towards sustained growth.

It is with great pleasure and a sense of contentment that I present to you the first Integrated Annual Report for Bharat Aluminium Company Limited (BALCO), a company that is firmly anchored in its commitment to sustainable value creation. As we navigate the ebbs and flows of the dynamic aluminium industry, it is crucial that we define our way forward, all the while integrating sustainability into all that we do.

At BALCO, we remain dedicated to redefining our roadmap by adopting best-of-breed technologies, responsible practices and ethical decision-making in all operational aspects. As we recognise that our actions have far-reaching consequences, we strive hard to make a positive difference in the world.

Performance Highlights

FY23 was a year marked by both opportunities and challenges alike. In Dec '22, with special approval, BALCO became a unique entity in the country, to register itself as two entities that enabled simultaneous import and export of power through a modified grid connectivity agreement with CTU.

We have weathered global macroeconomic headwinds by employing strategic measures to limit their impact and maintain uninterrupted operations. A major step in this direction has been the establishment of our captive coal mine, which has been crucial in securing an increased and reliable coal supply for our clients. By reducing our reliance on external sources, we have gained greater control over the supply chain, effectively minimising the risks associated with fluctuating coal prices and coal availability.

We have implemented several need-based measures to enhance productivity and reduce costs, such as optimising supply chain operations, streamlining business processes, negotiating better prices with suppliers and better managing our inventory.

We are expanding our capacity from 0.58 MTPA to 1 MTPA. We are also adding an integrated alumina handling system, a calcined petroleum coke handling system and a flap gate handling system to reduce our carbon footprint, enhance the quality of our products and raise our VAP capacity by 103%. These developments will not only boost our production capacity, but will also demonstrate our commitment to improving consistently and meeting evolving client needs.

Growing responsibly

To exceed client expectations, we are also capitalising on emerging opportunities and adapting rapidly to evolving trends. As a responsible organisation, we ensure ESG compliance with the current framework through our robust ESG organisation (Management in Place, MIP). Our 12 Community of Practices (COPs) collaborate to create new ideas, while we conduct meetings through Transformation Office (TOs) on a fortnightly basis to monitor progress and drive implementation.

Our major sustainability initiatives include becoming the first aluminium smelter in the country to be certified for CII Greenco Assessment, procuring 572,154 Renewable Energy Certificates (RECs), using biodiesel in our technological vehicles and ladle cleaning process, hiring transgenders in the manufacturing sector and incorporating carbon pricing in capex projects. With the objective of becoming net zero by 2050, our reaffirmed purpose of 'Transforming for Good' aspires to transform communities, the planet and the workforce.

To create sustainable value for our stakeholders, we have organised various programmes and events, including our quality control initiatives, training on safety rules and regulations, town hall interactions, training and engagement sessions such as BALCO Premier League (BPL), volleyball, Suraksha Kutumb, BALCO Talks, Stepathon, fun and fitness workshops and cycling for a noble cause.

Our CSR efforts have impacted the lives of about 1.27 lakh people in 123 villages, covering 4 blocks in 4 districts of Chhattisgarh and we continue to strive towards greater economic and social well-being through our diverse CSR projects.

Our way forward

We remain bullish about FY24 and our focus areas for the next year include enhancing the quality of our rolled product to ensure improved marketability by installing state-of-the-art machinery, expanding our VAP capacity and improving supply chain efficiency.

While we embark on this journey of sustainable value creation, we invite all our stakeholders to join us in shaping a world where economic progress is inextricably linked to environmental preservation and social well-being.

Our CSR efforts have impacted the lives of about 1.27 lakh people in 123 villages, covering 4 blocks in 4 districts of Chhattisgarh and we continue to strive towards greater economic and social well-being through our diverse CSR projects.

Together, we can make a difference by embracing innovation, collaboration and responsible practices. In the years ahead, we will continue to challenge ourselves, set ambitious goals and push the boundaries of what is possible in the realm of sustainability.

I am confident that with your unwavering support, we will create a better and greener future. On behalf of everyone at BALCO, I would like to take this opportunity to thank you all for your consistent trust and cooperation.

Best regards,

S.K. Roongta
Chairman & Independent Director

BHARAT ALUMINIUM CO. LTD. ★ KORBA ★

CEO's Communique

Setting short and long-term objectives is crucial for driving business growth and success. At BALCO, we recognise the importance of these goals, as short-term achievements pave the way for long-term accomplishments.

Rajesh Kumar
CEO & WTD

Dear Shareholders

I am delighted to address you all and share the key operational and financial highlights of FY23. This year has been challenging due to global macroeconomic headwinds, but I am pleased to say that we have not only overcome these obstacles but also achieved remarkable success in driving sustainable value creation. Our commitment to defining our way forward has paved the path for growth, innovation, and positive impact.

Firstly, despite the initial setbacks in the first half of FY23, we have successfully recovered all the losses incurred and demonstrated resilience in the second half of the year. This achievement reflects our strong determination and strategic decision-making, which enabled us to navigate through turbulent times and emerge stronger than ever.

Operational excellence

In Q4 FY23, we witnessed our best-ever performance in pot line operational parameters, specifically in specific power consumption and net carbon consumption. These impressive results have not only helped us achieve our cost targets but have also reinforced our position as an industry leader committed to sustainability. Our team's dedication to optimising our operations and driving efficiency, has contributed to this outstanding performance.

In terms of global inflationary pressures, we have been proactive in managing production costs and mitigating risks associated with rising global inflation. Our financial strategies and prudent decision-making have enabled us to overcome these challenges effectively. By closely monitoring market trends, implementing cost-saving measures, and fostering strong relationships with our suppliers and partners, we have ensured the stability of our production costs and sustained profitability.

At BALCO, we keep our customers at the heart of all our business operations. We strive hard to boost customer satisfaction by providing products and services that cater to the evolving needs of our customers. As we value our customers' expectations and requirements, we continuously enhance our processes and offerings. Additionally, to sustain our reputation as an organisation with zero customer complaints, we emphasize more on quality, reliability and on-time delivery of products.

Sustainable value creation

One of the key aspects that set us apart from our industry peers is our focus on creating a sustainable business. We firmly believe that sustainable practices are not only essential for the environment but also critical for long-term success. In FY2023, we collaborated with 452 business partners, generating shared values worth 1.2 billion USD. By adopting modern methodologies like e-RFP and e-auction, we have made our procurement process transparent, fostering trust and synergy among all stakeholders. We have also engaged in long-term partnerships, such as O&M contracting and ARCs, and explored end-to-end contracting options to ensure sustainable growth.

Furthermore, we are expanding our capacity to meet growing market demands from 0.58 MTPA to 1 MTPA. Our VAP capacity will reach 103%, enabling us to offer improved quality products and expanding our Rolled Products capacity to 180 KTPA. Moreover, we are adding a 420 KTPA Billet facility to our product portfolio.

Our commitment to sustainability and profitability goes hand in hand. BALCO is dedicated to producing aluminium sustainably. In line with this commitment, we have implemented energy conservation techniques such as preheating ladles carrying molten aluminium through the use of biofuels. This method significantly reduces greenhouse gas emissions compared to conventional non-renewable fuels. We are also working towards obtaining the Green Aluminium-Aluminium Stewardship Initiative (ASI) certification soon. By 2025, we aim to achieve zero legacy waste (high volume low toxic waste), and by 2030, BALCO will be water positive, aiming to have a 30% renewable energy power mix by procuring green power.

Goal setting

Setting short and long-term objectives is crucial for driving business growth and success. At BALCO, we recognise the importance of these goals, as short-term achievements pave the way for long-term accomplishments.

Despite the challenges imposed by various geo-political conflicts and supply chain disruptions all over the world, we were able to achieve 98% of our production target. Our future plan of action is aligned with our goal to position ourselves as a strong player in terms of both production and quality by expanding our production capabilities along with enlarging our customer base.

In the near future, BALCO is on track to reach a production capacity of 1 MTPA, nearly doubling our current capacity. This expansion will propel Vedanta from the 11th to the 9th global rank in terms of production capacity by 2026. In addition to increasing our primary production capacity, BALCO is also focused on diversifying our product portfolio. We are actively venturing into downstream products such as foils, composite panels, roofing sheets, chequered sheets, aluminium circles, and fabrication plates. We are commissioning a billet line in the current financial year, which will enable us to cater to a broader customer base. Billets find wide applications in the construction, automotive, aerospace, packaging, electrical and electronics, and consumer goods industries.

BALCO also supplies aluminium wire rods to the steel sector, where they are used as a deoxidiser. We have implemented innovative solution of selling wire rods without flipping, saving time, energy and packaging material while meeting market demand. We are continuously exploring financial models to maximise profits from power sales after meeting our smelter demand. To enhance smelter operational parameters, we are upgrading our pot controllers to reduce specific power consumption.

Technology and digitalisation

To enhance the client experience and foster customer loyalty, we have implemented various initiatives. Technological innovation is a key driver of our overall operations. We have made significant advancements, such as the indigenous development of pot controller systems, centralised SCADA for PTM, and online collector bar temperature measurement in our potline operations. By leveraging advanced technologies and best practices, we aim to achieve greater efficiency while minimizing our environmental impact.

Digital transformation is another area where BALCO is making significant strides. We embrace innovative technologies to optimise various aspects of our operations. For instance, we utilise GPS trackers in our trucks to enhance logistics and transportation efficiency. Real-time tracking and route optimization enable us to ensure timely deliveries and minimise operational costs. Furthermore, our digital solutions enable us to effectively manage mine production and handle fly ash. By leveraging advanced data analytics and automation, we streamline processes, improve productivity, and reduce our environmental footprint.

Our strategy

Furthermore, we have developed a roadmap that will drive the overall development of our company. This roadmap includes the development of new product portfolios, increased VAP, Green Aluminium reduced carbon footprint, improved infrastructure facilities, and an enhanced product mix. By benchmarking ourselves in India's aluminium industry, we aim to solidify our position as a leader and drive the industry's growth.

Corporate Social Responsibility

BALCO has planned several initiatives to empower families by enhancing skillsets and uplifting women and children through proper education, nutrition, healthcare, and

CEO's Communique

welfare. These initiatives, such as 'Mor Jal Mor Maati', 'Vedanta Skill School,' 'Unnati,' 'Nayi Kiran', and 'Mobile Health Van' and 'Arogya,' align with our commitment to sustainable development and social responsibility.

Environmental stewardship

Moreover, our efforts to achieve net zero carbon by 2050 are also well underway. We have prepared a detailed strategy for net zero carbon, encompassing both short-term and long-term initiatives. In FY24, we will focus on reducing auxiliary power in the smelter, specific coal consumption, and actively switch to renewable energy sources. Additionally, we will increase biomass co-firing in our power plants, further contributing to our carbon reduction goals.

Our commitment to being water positive by 2030 is equally strong. To achieve we prioritise efficiency improvements and process enhancements in our RO systems. We will optimise the utilisation of STP water in our processes and revamp the water credit structure in nearby communities. By implementing these measures, we aim to ensure responsible water management and minimise our impact on local ecosystems.

Future outlook

Looking ahead, we plan to remain agile, adaptable, and innovative in the face of evolving challenges and opportunities. Our focus on sustainable value creation will guide us as we continue to drive growth, profitability, and social responsibility. We are well-positioned to write the history of 'Atma-Nirbhar Bharat' in the aluminium industry. Together, we will define our way forward, setting new benchmarks and becoming the "Supplier of Choice" for aluminium in India.

Thank you for your unwavering support, trust and commitment to our company. We remain dedicated to maximising shareholder returns and a prosperous future.

Regards,

Rajesh Kumar
Chief Executive Officer &
Whole Time Director

Our commitment to being water positive by 2030 is equally strong. To achieve we prioritise efficiency improvements and process enhancements in our RO systems. We will optimise the utilisation of STP water in our processes and revamp the water credit structure in nearby communities.

Message from the CFO

Dear Shareholder

I am pleased to present to you the Integrated Annual Report of BALCO for the fiscal year 2022-23, providing an overview of our financial performance, operational achievements, and commitment towards sustainable growth.

The fiscal year 2022-23 presented us with unique circumstances that required us to navigate through global headwinds. However, we are determined to overcome these challenges and steer the company towards a prosperous future. Although our financial performance was not as robust as the previous year, we remained focused on cost optimization, productivity enhancement, and maximizing shareholder value.

During this fiscal year, BALCO demonstrated resilience and adaptability amidst market uncertainties. Our commitment to cost management and competitive pricing strategies resulted in overall profitability, despite the prevailing market conditions.

In fiscal year 2022-23, BALCO generated a total income of ₹ 13,496 crores, with revenue from operations amounting to ₹ 13,059 crores. This performance was driven by strong sales in both domestic and international markets. We implemented effective cost control measures, which contributed to a gross profit of ₹ 73 crores. Furthermore, amidst the challenges we faced this year, our unwavering focus on operational efficiency, streamlined processes, and optimized resource allocation enabled us to successfully reduce operating expenses, resulting in a fairly resilient bottom line.

Despite market challenges and supply disruptions, BALCO maintained an overall net profit scenario, thanks to our enhanced revenue streams, disciplined financial management, and strategic investments. Our sound financial performance, combined with prudent financial practices, positions us well to navigate market fluctuations and seize growth opportunities. We remain committed to creating long-term value for our shareholders through our solid business fundamentals and our steadfast pursuit of sustainable growth.

As we move forward, we are determined to enhance our operational efficiency and provide our customers with a competitive advantage. We are undergoing an expansion project, incorporating state-of-the-art facilities and equipment which will result in a combined smelting capacity of 1 MTPA through an investment of ~ ₹ 9,000 Crores in near future.

At BALCO, ethical business practices and corporate governance are of paramount importance. We maintain stringent policies and frameworks to ensure good governance throughout the organization. With a focus on transparency and accountability, we conduct regular audits to ensure compliance with regulations and global business standards. Our experienced Board members, with 25% representation of women, provide invaluable guidance and expertise to steer our strategic direction.

Our future plans are centered around achieving accelerated growth. We remain committed to our vision of sustainable growth and value creation. By investing in technology, innovation, and operational excellence, we aim to enhance our competitiveness and ensure long-term success. Our commitment to environmental, social, and governance (ESG) initiatives will be intensified as we work towards our goal of achieving net-zero carbon emissions by 2050.

With our prudent financial practices and a focus on risk management, we are confident in our ability to navigate dynamic market conditions and emerge stronger, thereby creating sustainable value for our shareholders. Sustainability remains at the core of our operations, and we are fully equipped to realize our potential.

We extend our gratitude to all our stakeholders for their unwavering support, which has been instrumental in our success. As we continue on our journey, we look forward to your continued trust and partnership.

Regards,

Amit Gupta
Chief Financial Officer

Business model

Inputs

Financial capital
₹ **220.62** crore of Equity capital
₹ **308.58** crore of Net Cash
₹ **7,526.50** crore of reserves and surplus

Manufactured capital
₹2.03L/T Production cost
₹9,508 Crore Equipment and machinery cost
State-of-art manufacturing facilities

Intellectual capital
₹ **2.08** crore R&D expenditure
Digital supply chain integration
AI integration
NABL accredited lab

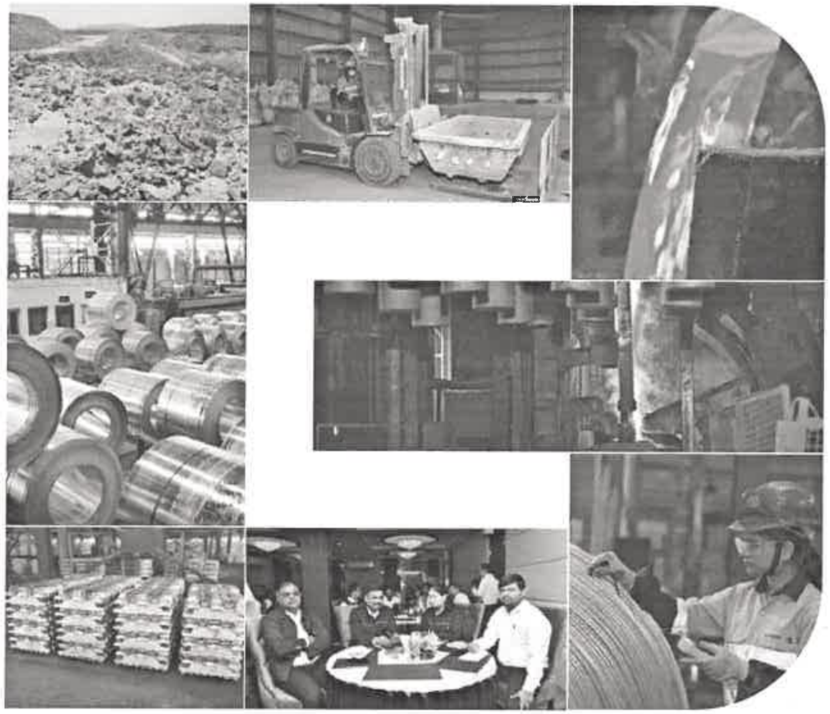
Human capital
1773 Skilled workforce

Social and Rvelationship capital
₹24.53 crore CSR Spend

Natural capital
Water consumption
0.59 m³/ MT of FG (Metal)
2.82 m³/ MWh (1200 MW)
2.08 m³/ MWh (540 MW)
Energy consumption
52.49 GJ/ MT of FG (Metal)
10.54 GJ/ MWh (1200 MW)
11.03 GJ/ MWh (540 MW)
1MT Coal Mining done

Our process chain

Mining → Refining → Processing → Product Manufacturing → Finished Products (Ingots, Wire rods, rolled products, Primary foundry alloy) → Marketing and sales → Warehousing and logistics → Use phase



Strategizing based on our strengths

Efficient use of craftmanship → Quality assurance through improved methods and technologies → Adoption of AI to ensure zero injury and efficient performance → Enhanced capacity → Expansion of product portfolio to enhance customer centricity → Strong ESG commitment

Output

Financial
₹ **13,059** crore revenue from operation
₹ **731** crore of EBITDA
₹ **42** crore of PAT
₹ **1.92** EPS

Manufactured
569 KT Total aluminium production

Intellectual
3 New products developed
16 Digital initiatives adopted

Human
₹7.36 crore of revenue generated per employee
20% Gender diversity
38 Stars identified
3% Attrition rate

Social and Relationship
1.27 L Number of people benefited from our CSR initiatives

Natural
693,914 tCo_2e GHG Emission reduced
95,653 GJ Energy saved
10.76% Water recycled
1,23,562 Trees planted
174.6% Fly Ash Utilization

Outcomes

Financial
- Maintained revenue generation and sustained growth despite market challenges
- Long term value creation for stakeholders

Manufactured
- Increased operational efficiency
- Quality assured products manufactured
- Strong and enhanced production capacity to serve large number of customers

Intellectual
- Innovation and new product development to ensure portfolio enhancement which will drive more customers
- Development of sustainable technologies to ensure long term business growth through operational excellence

Human
- Diverse workforce
- High qualified, skilled and experienced people
- High employee retention rate
- High employee engagement

Social and Relationship
- Enhanced trust from our stakeholder
- Robust community development

Natural
- Reduced adverse environmental impacts
- Optimised resource utilisation
- Reduced waste generation
- Effective recycling initiatives

Zero Harm → Zero Waste → Zero Discharge

BHARAT ALUMINIUM CO. LTD. balco KORBA

Risk management

We have incorporated risk management practices into our operations, such as aligning risk appetite and strategy, increasing risk response and reducing operational volatility.

The Risk Management framework at the Company focuses on risks that have the potential to impact our company's performance. Our materiality analysis broadens our perspective by considering all of our stakeholders' expectations of a sustainable business, as well as the risks and opportunities associated with fulfilling those expectations. The risk management strategy at BALCO is intended to evaluate risks on a consistent basis, quantifying likelihood and impact to ensure that the most critical risks to the Company receive the necessary focus and attention from our management team.

Areas of Concern		Description	Mitigation
Environment	Climate Change Risks	Environmental exposures may impact operations or projects, leading to reputational damage.	We are ensuring operational control procedures through proper maintenance of our pollution control equipment. We are conducting regular inspections and timely monitoring based on environmental compliance. We are also implementing initiatives to ensure zero discharge from the plants.
	Risks concerning the irregular disposal of waste	There may be inadequate storage facilities for hazardous waste, which may pose a risk to the operations.	Hazardous waste authorisation has been granted and waste is being disposed off following the necessary guidelines.
Raw Material	Risks of coal security	There may be a lack of and a limited supply of coal at competitive prices.	We consistently track our mine production and stocks to get an early warning so that essential actions can be executed on time. We have also resumed our Chotia captive mines to ensure the timely availability of coal.
	Risks of Alumina security	Alumina may be available at competitive prices.	We meet our alumina needs through domestic supply as well as imports from other regions.
Manufacturing	Risks of machinery (smelter) malfunctions and failures	There may be power outages due to the loss of single-grid connectivity.	The company has installed double grid connectivity system being first in the country this will improve the reliability of our power distribution system at our manufacturing plants, thereby enhancing the overall power infrastructure.
		Major pot failures can hamper productivity.	Regular checks are carried out, with abnormal values being dealt with immediately. At regular intervals, we additionally offer SOP training to bridge the skill gap.
	Risks of infrastructure and logistics	There may be a lack of adequate infrastructure in manufacturing facilities for operationalising planned growth. Insufficient unloading systems for coal handling lead to demurrages. It can also result in unrest due to the Ash transfer.	We have obtained the additional land required to connect BALCO and Korba Station, thereby doubling the line. For efficient coal handling, we have deployed Wagon Tippler Road infrastructure will also be built by us to transport ash from the ash dyke to the dumping area at Korba.
	Risks of water security	There may be an adverse impact due to the use of forest land for the operational purposes of the business.	We have ensured interconnected lines for an uninterrupted power supply. We have also installed booster pumps in our smelter plant to maintain a consistent flow of water during the summer season. Moreover, we have also identified alternate sources of water supply.
Financial	Risks of limited access to business funds and capital	There may be challenges in debt refinancing, interest servicing, covenants and credit ratings.	We have an excellent credit rating of ICRA AA. Also, we have optimised our net debt through loan repayment during FY 2023. Along with that, we have also collaborated with banks to meet our project funding requirements.
	Risks of revenue volatility	Economies are under constant volatility due to currency and price fluctuations, which may hamper the overall financial performance of the organisation.	We are reviewing the hedging policy on a regular basis. Along with that, we have a robust internal review team to ensure the complete safety of the business, following which strategic actions are planned.

BHARAT ALUMINIUM CO. LTD. balco ★ KORBA ★

Risk management

Areas of Concern		Description	Mitigation
	Risks of taxes and duties	Non-compliance with tax-related matters can lead to liabilities and increased litigation	We are conducting regular consultations with our tax consultants to ensure proper adherence to tax regulatory policies. Moreover, we are also proactively engaging with the Government and other industrial bodies to resolve disputes.
Technology	Risks of cybersecurity	Breaches in the cybersecurity process may adversely impact our business.	We have installed systems to proactively monitor data leakage. Cybersecurity training and awareness among employees are conducted periodically to ensure complete security. We also conduct yearly cybersecurity and VAPT audits
	Risks of innovation and technology	Disruptions due to innovation or digitisation through emerging technologies may result in competitive pressures.	We have deployed tools and technology to protect our entire network from hackers, along with seamless usage of cloud computing. Also, we have procured new technological systems to remove obsolete equipment
Safety	Risks of an unsafe work culture	Failure to provide a safe working environment for the employees may result in accidents and expose the organisation to a loss of reputation.	We have engaged DuPont Safety solutions for safety culture building among employees. We are motivating employees for reporting leading indicators like unsafe acts & unsafe conditions to have proactive approach and effectiveness is tracked. Various HSES Digitalization projects are being driven like Vunified: Enablon safety modules, AR-VR based trainings, AI based CCTV cameras and auto generated triggers, etc. at site for ease of all employees. We have identified unsafe buildings and conducted structural integrity studies to take corrective actions. We have also reduced the movement of two-wheelers and cyclists inside the plant by introducing common parking yards and shuttle buses. CCTV cameras are installed all across our sites to identify any potential safety concerns or fire risks. At BALCO, we have also implemented Vedanta sustainability Framework & safety performance standard modules requirements to ensure compliances to benchmark practices at all sites.
	Risks to physical security	Breaches in the physical security protection system may adversely impact the business operations and employee safety.	We have deployed intrusion detection systems at various locations that track and detect incidents to ensure safety. Additionally, we have automated the Incident Management process, right from the detection of the incident to the investigation and closure of recommendations.
Regulatory policies	Risks of non-compliance with governance and ethics	A violation of ethics or the Code of Conduct may lead to a penalty.	To maintain ethical compliance, we organise frequent awareness sessions. Furthermore, in cases of ethics violations, an in-depth investigation is conducted, followed by corrective measures. To determine compliance, regular mail are circulated and online tests are carried out. Our internal control system tracks the critical areas and submits a report to the Board
	Regulatory & Legal Risks	These may be impacted because of legal and regulatory changes, resulting in higher operating costs and restrictions such as the imposition or increase in royalties or taxation rates, export duty, impacts on mining rights/ bans, and change in legislation.	Teams identify and meet regulatory obligations and respond to emerging requirements continue to demonstrate commitment to sustainability by proactive environmental, safety and CSR practices. Ongoing engagement with local community/media/NGOs SOx-compliant subsidiaries.
Reputation	Risks of stakeholder and community perception	Reputational risk may arise due to a shortfall in expectations or irregular engagement with stakeholders.	Our engagement through multitude CSR Programs that are being undertaken in nearby areas resulted in generating positive rapport with general public and stakeholders. We maintain close coordination with the Government authorities, the local communities and other external stakeholders.

BHARAT ALUMINIUM CO. LTD. balco KORBA

Transforming for good

Our primary focus lies in expanding our commitment to prioritise both people and the planet throughout our entire value chain. We closely collaborate with a wide network of business partners to actively contribute towards creating a sustainable future.

Vedanta has adopted following Aims, wherein BALCO is contributing to achieve the same.

Transforming communities

Our commitment to lasting success lies in our dedication to the welfare of the communities in which we operate. Our primary focus is to establish trust and create a beneficial influence by embracing transparent and collaborative approaches, thus ensuring we maintain our 'Social License to Operate.'

- Keep community welfare at the core of business decisions
- Empowering over 2.5 million families with enhanced skillsets
- Uplifting over 100 million women and children through education, nutrition, healthcare and welfare

Transforming the planet

As a natural resource company, we highly prioritise the environment and recognise our duty to minimise any adverse effects on the air, water, soil, and biodiversity. We are fully committed to environmental responsibility, which encompasses reducing carbon emissions, safeguarding water resources, and embracing eco-friendly technologies to enhance our operations and procedures. By intensifying our investments in sustainable technologies, we aim to create lasting value for stakeholders while minimizing our ecological footprint.

- Net-carbon neutrality by 2050 or sooner
- Achieving net water positivity by 2030
- Innovations for greener business model

Transforming the workforce

In the ever-changing landscape of today's business world, which is marked by swift technological progress, unexpected risks, geopolitical influences, and evolving workforce dynamics, organisations face the imperative of embracing innovative approaches to effectively manage their employees. We are at the forefront of this transformation, spearheading new paradigms in talent acquisition, fostering a culture of continuous learning, and placing paramount importance on cultivating a positive employee experience. Furthermore, we remain steadfast in our commitment to ensuring a secure and safe workplace environment for all our valued employees and esteemed business partners.

- Prioritising safety and health of all employees
- Promote gender parity, diversity and inclusivity
- Adhere to global business standards of corporate governance

About ESG

BALCO is prioritising on environmental conservation, social responsibility, and good governance within the operations.

Towards that, we are taking active initiatives to reduce the environmental harm, promote social well-being, and improve transparency and accountability in our decision-making processes. By enriching our ESG approach, we aim to align our business practices with the evolving expectations of stakeholders and contribute positively to the surrounding environment and community.

ESG Governance

As part of our continued commitments to ESG, we have implemented a uniform ESG governance structure across the Vedanta group. The Vedanta ESG Committee, together with our Group Sustainability and ESG function, is responsible for activating, mainstreaming and monitoring initiatives under the 'Transforming for Good' agenda. We have also established dedicated forums for regular management oversight at all levels and ESG-themed communities at each BU and SBU to own projects and drive their timely implementation.

ESG Communities of Practice (12 COPs)

- Water management
- Carbon and energy efficiency
- Waste to wealth
- Biodiversity
- Communities & Social Performance
- People
- Communications
- Renewable Energy
- Health & Safety
- Supply chain
- Acquisition/ finance
- Expansion

About Sustainability Policies

To ensure sustainability and cater to our ESG approach, we have in place a number of policies which helps in maintaining a healthy environment, social well-being both internally and externally.

Zero Harm
Zero Waste
Zero Discharge

- HSE&S (Health, Safety, Environment & Sustainability) Policy
- Energy & Carbon Policy
- Water Management Policy
- Biodiversity Policy
- Social Policy
- Human Rights Policy
- HIV/AIDS Policy
- Supplier & Contractor Sustainability Management Policy
- CSR (Corporate Social Responsibility) Policy
- Product Stewardship & Innovation Policy
- Strategic Asset Management Policy

ESG highlights

Environment

- **546.29 MU** of renewable power purchased
- **4754MT** of biomass co-firing reducing 6900T CO_2e
- **4 million** M^3 reduction in freshwater consumption
- **1,23,562** saplings planted in FY 2023
- **10.76%** water recycled
- Successful application of bio-diesel in technological vehicle and ladle cleaning operation at BALCO
- **98%** Graphitization of pots at BALCO
- Mine back filling at **SECL** Opencast Mines BALCO and Chotia 1
- Reclamation and closure of **5 ash dykes**
- Biodiversity indexing & reassessment of existing BMP to **achieve NNL**

Social

- Total CSR spend in FY 2023 is **₹ 24.53Cr.**
- **1.27 L** people were benefitted through our community development initiatives.
- Reached an employee engagement score of **88**
- **50%** gender diversity maintained during recruitment
- **249,196 Man hours** trained on occupational health, safety and environment compliances
- **2,400 farmers** skilled through Modern farming techniques and allied agricultural practices
- **5** Specially abled hiring
- BALCO has onboarded the journey of **"Vihan"** - Critical Risk Management (CRM) and implemented five critical risks controls this year.
- **19** farm ponds created and 2 community ponds were restored
- **1,007 youth** trained through Vedanta Skill School
- **1,00,000 Women & Children** benefited through Education & Healthcare initiatives
- **48,000 people** impacted through initiatives on Menstrual Health Management - Project Nayi Kiran

Governance

- **30 years** of experienced board members
- **25%** of gender diversity maintained at board
- **Strict compliance** of business ethics
- Human rights maintained with **extensive grievance redressal mechanism**

Breaches of the code of conduct

Throughout the fiscal year, a diverse range of measures were implemented across our business units to address the cases that were identified. We took appropriate steps to address employee misconduct, ensure compliance with health, safety and environmental (HSE) regulations and resolve wage-related complaints raised by workers. The corrective actions undertaken encompassed a variety of approaches, including legal investigations, the imposition of fines, personnel rotations, issuing warnings and terminating the employment of individuals involved in the incidents.

Category types	Occurrence	Open case
Employee misconduct	2	-
Business integrity breach	1	-
Workplace harassment and discrimination	-	-
HSE breach	1	-
Data and privacy breach	-	-
Financial misconduct	-	-
Child labour	-	-
Forced labour/Involuntary labour	-	-
Complaints on wages (HR)	3	-
Other human rights related concerns	-	-

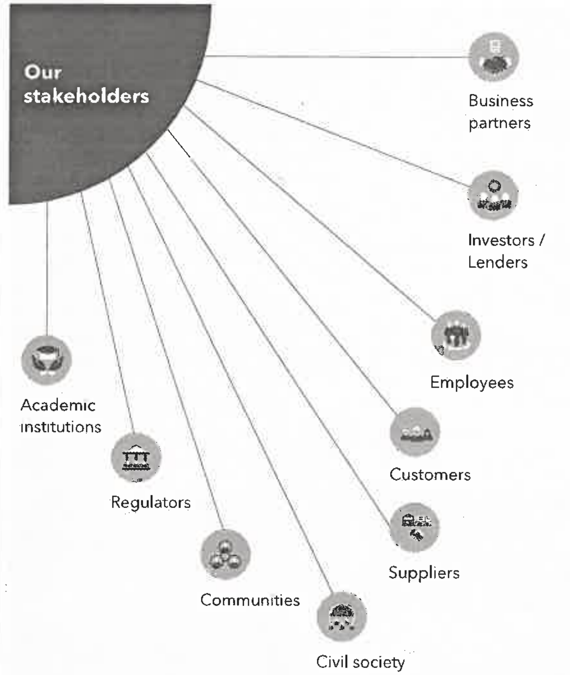
Stakeholder engagement

Engaging with stakeholders is a fundamental aspect of our operations. Through regular communication, we shape our strategic planning, redefine our business purpose, and closely monitor our activities and outcomes across all stakeholder groups.

Our commitment to stakeholder engagement lies at the core of our work, fostering deep awareness of pertinent issues and directing the implementation of initiatives that drive positive transformation. We firmly believe that involving diverse stakeholders in open and constructive conversations is vital for the organisation's long-term sustainability and upholding responsible business values.

Value creation for stakeholders

We at BALCO, place a high value on aligning our business objectives with the well-being of our stakeholders, particularly the local communities. To ensure this alignment, we are committed to consistently identify and address any potential impacts through an ever-evolving and robust engagement mechanism, which may influence stakeholders. We acknowledge that effective consultation is a two-way process that involves informing stakeholders about our operations, actively listening to their perspectives, and addressing their valid concerns. Moreover, we understand that our operations attract stakeholders with diverse interests.



Stakeholder engagement

Stakeholder engagement procedure

We have formulated Stakeholder engagement procedure (SEP) which considers the unique attributes and interests of all involved parties, aiming to facilitate the implementation of identified measures and promote active engagement from stakeholders. This participation will provide a platform for stakeholders to voice their opinions, address concerns, discuss associated risks and impacts, and propose subsequent mitigation measures. Moreover, it enables us to acknowledge these perspectives, respond accordingly, and take appropriate actions.

The Stakeholder Engagement Procedure is implemented through following steps -

Stakeholder Identification

Identification of individuals or groups who are directly or indirectly affected by our operations or who may have an interest in the operations.

Stakeholder Analysis

The identified stakeholders are mapped according to the interest and impact of the stakeholder on the operations.

Stakeholder Engagement

Stakeholder wise plan is prepared based on the mapping done in the analysis which includes the defined mode & frequency of engagement.

Framework for engaging with stakeholders

We have developed a stakeholder engagement framework that aims to include all communities or groups affected by our operations. Various departments within the company utilise different communication channels to engage with our stakeholders. A comprehensive mechanism is in place to regularly review and oversee the process, as well as analyse the results. The periodic review considers the evolving dynamics of both our company and the external environment.

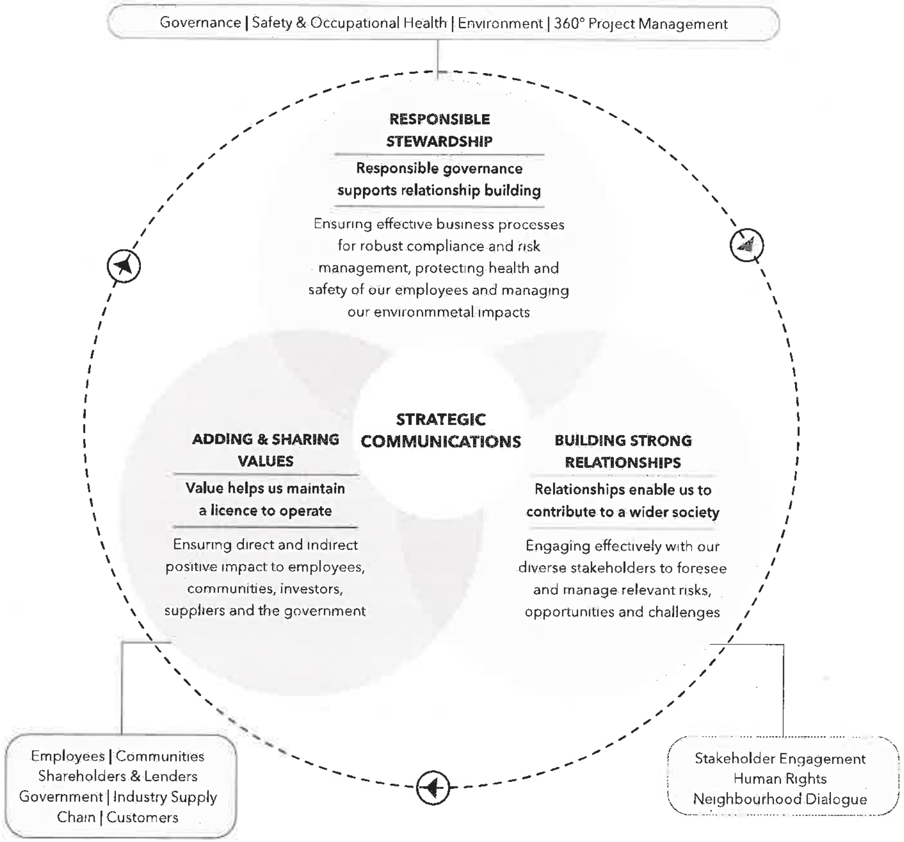
Grievance Redressal Mechanism

BALCO's Grievance Redressal Mechanism is aimed at identification & redressal of various categories of grievances that may possibly arise due to factual and perceived incidents. To ensure the same a Grievance Redressal Mechanism is in places which serves as a guiding tool from receiving to closure of a grievance in a time bound manner. A unit level Apex body is in place which periodically meets and assesses the grievances received and ensures action is taken on them by respective teams. The entire process is rigorously documented at each stage and is communicated to all involved parties. As a responsible organization we ensure all the grievances are acknowledged, assessed and an appropriate response is provided to the aggrieved party within the timelines.

VSF and VSAP

Vedanta Sustainability Framework (VSF)

We have implemented a comprehensive Sustainable Development Framework that encompasses a wide range of sustainability policies, standards, and guidance notes. This framework serves as a compass for us, ensuring that we consistently achieve operational and social excellence while driving positive outcomes for both our business and the communities and environment in which we operate. As part of our commitment, we prioritise the education, training, and development of our employees and business partners, equipping them with the necessary knowledge and skills to uphold world-class sustainability standards, processes, and practices without fail.



VSF and VSAP

Level 1	Level 2			Level 3
Sustainability Policies	Management Standards	Technical Standards	Safety Performance standards	Guidance Notes
	Environment Performance standards	Social Performance Standards		

Vedanta Sustainability Assurance Process (VSAP)

VSAP is a tool focused on sustainability risk assurance, to evaluate the adherence of our various businesses to the Vedanta Sustainability Framework. This assurance model comprises distinct modules that addresses crucial aspects such as the environment, health, safety, community, and human rights.

To ensure the effectiveness of our assurance system, we employ a comprehensive approach. This involves monitoring and documenting the corrective and preventive actions undertaken by us, as well as conducting regular formal audits performed by external experts.

VSAP operates on an annual basis, with the Sustainability Committee and the Executive Committee responsible for tracking the outcomes. These committees then report the results to the Board. Based on identified gaps, we develop management plans and implement corrective actions to address these gaps. The progress of these actions is consistently reviewed, evaluated, and documented.

Through this process, we actively identify and highlight both successes and failures, facilitating valuable opportunities for cross-learning. By sharing lessons learned across our organization, we continuously strive to improve our sustainability performance.

13 pillars of VSAP

- Compliance
- Leadership
- Objectives and targets
- Competency and training
- New projects
- Management of change (MoC) and Process Safety
- Incident investigation
- Assessment and continual improvement
- Supplier and Contractor Management
- Social Sustainability & Stakeholder Engagement
- Safety management
- Environment
- Occupational health

Materiality assessment

We conducted a comprehensive materiality assessment at the group level with the participation of multiple internal and external stakeholders.

Based on the industry-leading standards established by SASB, MSCI, S&P Global, and ICMM, the material topics have been identified. In the short, medium, and long terms, the development of our business plans and the formulation of our sustainability strategy will be significantly influenced by the material topics we have identified. We have prepared a consolidated list of material topics from which the Mutually Exclusive and Cumulative Exhaustive (MECE) set of material topics has been considered the base for the stakeholder's survey.

Process

Listing of material topics → Stakeholders consultation → Response collection from stakeholders → Potential topics identified → Establish a materiality matrix → Finalised on high-priority material topics

26 Topics emerged as the material topics for BALCO across E, S, and G dimensions

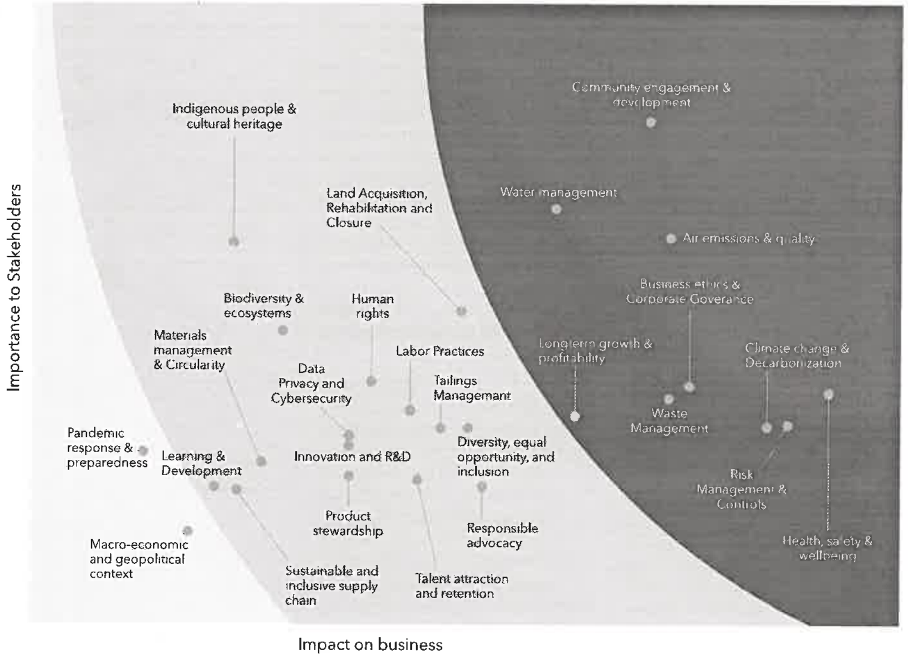
Environment	Social	Governance
Climate change & Decarbonization	Human rights	Business ethics & Corporate Governance
Air emissions & quality	Community engagement & development	Risk Management & Controls
Water management	Labor Practices	Responsible advocacy
Waste Management	Talent attraction and retention	Longterm growth & profitability
Tailings Management	Health, safety & well-being	Data Privacy and Cybersecurity
Biodiversity & ecosystems	Land Acquisition, Rehabilitation and Closure	Pandemic response & preparedness
Materials management & Circularity	Indigenous people & cultural heritage	Macro-economic and geopolitical context
Sustainable and inclusive supply chain	Diversity, equal opportunity, and inclusion	Innovation and R&D
	Learning & Development	Product stewardship

BHARAT ALUMINIUM CO. LTD. ★ KORBA ★ balco

Materiality assessment

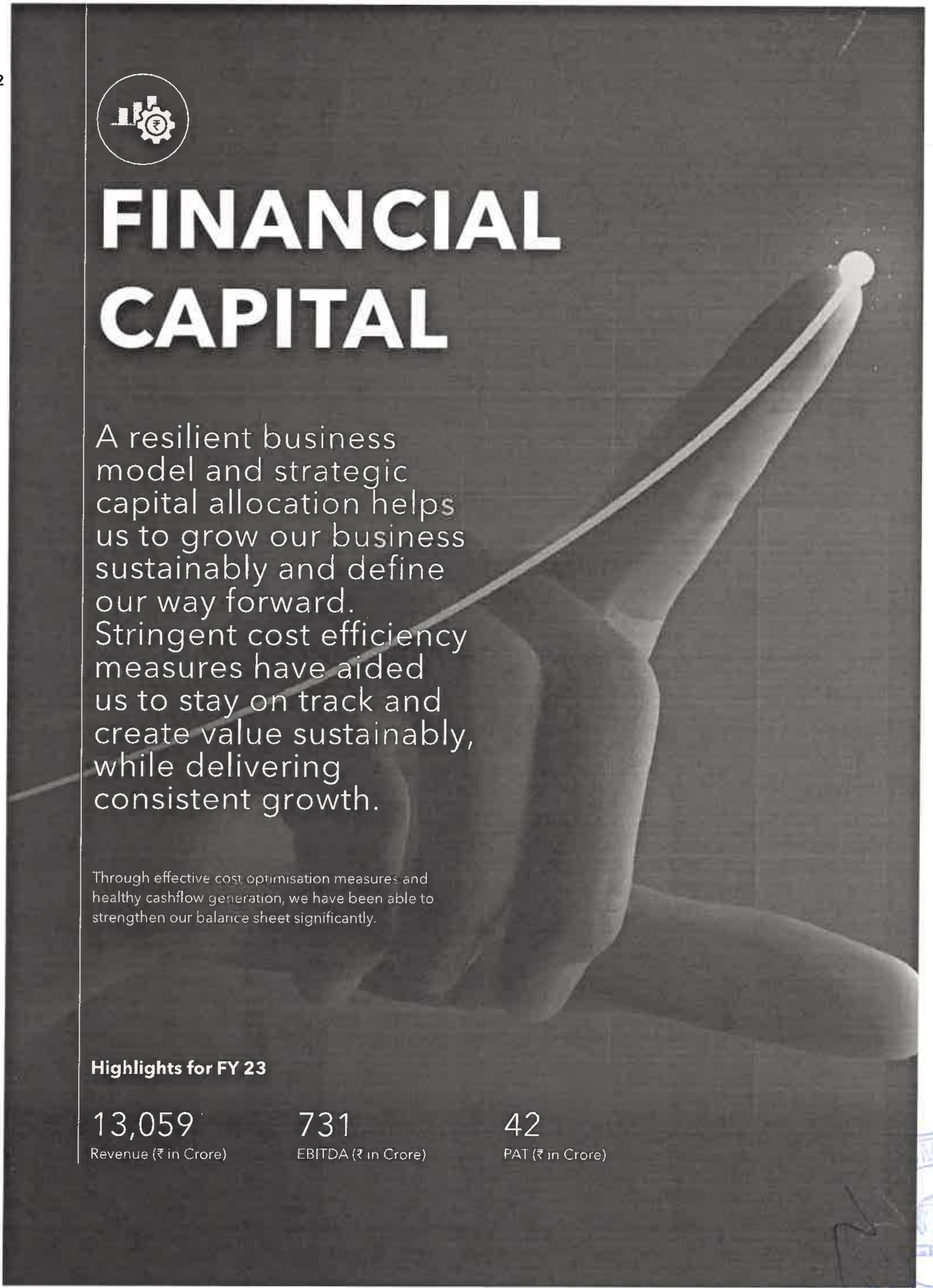
High Priority Topics	Medium Priority Topics	Low Priority Topics
1. Climate change and decarbonization	1. Tailings management	1. Pandemic response & preparedness
2. Air emissions and quality	2. Biodiversity and ecosystems	2. Macro-economic & geopolitical context
3. Water management	3. Human rights	
4. Waste management	4. Labor practices	
5. Community engagement & development	5. Talent attraction and retention	
6. Health, safety, and well-being	6. Land acquisition, rehabilitation and closure	
7. Business ethics & corporate governance	7. Indigenous people and cultural heritage	
8. Risk management and controls	8. Diversity, equal opportunity and inclusion	
9. Long term growth and profitability	9. Responsible advocacy	
	10. Data privacy and security	
	11. Innovation and R&D	
	12. Product stewardship	
	13. Materials management and circularity	
	14. Sustainable and inclusive supply chain	
	15. Learning & development	

9 High Priority material topics were identified for Vedanta Aluminium



High priority Material Topics

Environment	Climate change & Decarbonization	Water management
	Air emissions & quality	Waste Management
Social	Community engagement & development	
	Health, safety & well-being	
Governance	Business Ethics & Corporate Governance	Long term growth and Profitability
	Risk Management & Controls	Waste Management



FINANCIAL CAPITAL

A resilient business model and strategic capital allocation helps us to grow our business sustainably and define our way forward. Stringent cost efficiency measures have aided us to stay on track and create value sustainably, while delivering consistent growth.

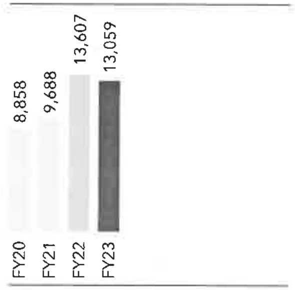
Through effective cost optimisation measures and healthy cashflow generation, we have been able to strengthen our balance sheet significantly.

Highlights for FY 23

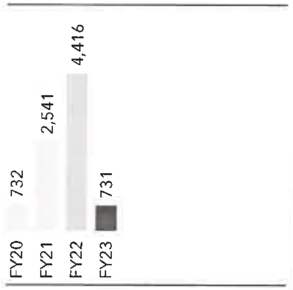
13,059	731	42
Revenue (₹ in Crore)	EBITDA (₹ in Crore)	PAT (₹ in Crore)

Financial performance

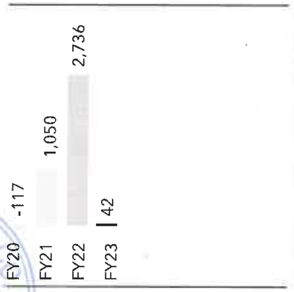
Revenue
(₹ in crore)



EBITDA
(₹ in crore)



PAT
(₹ in Crore)



Input

During FY 2023, we have maintained a robust balance sheet through our timely repayment of debts, sharper focus on eliminating supply disruptions, proper inventory management and effective cash flow management. We have taken initiatives to reduce our financial risks to maintain our bottom line and create greater value for our stakeholders.

Output

Our focused efforts have led to positive growth, especially in our domestic revenue mix, which has witnessed a domestic market share of 23% in FY 2023 as compared to 2% of the previous fiscal year. The revenue of our value-added product mix has improved at a moderate level, followed by significant revenue growth in our Wire Rods and Primary Foundry Alloy product ranges.

Staying resilient to augment value

To maintain a healthy financial condition and grapple with the headwinds of decreasing aluminium price and increasing cost of production, we have. significantly implemented a strong governance over the working capital management through robust technology such as automated invoicing and payment system which streamlines the monitoring system and helps reduce risks. We also conduct regular audits for optimising our working capital in terms of identifying the areas for improvement and ensure compliance with policies and procedures.

Thorough implementation of all policies and regulations has enabled us to recover our losses incurred due to the volatility in the aluminium and raw material prices and gain a strong profit margin in the second half of FY2023.

Reducing risks and liabilities

We have implemented a policy to make transactions with the debtors against Letter of Credit (LC) which guarantees complete security.

The debt-equity ratio has been improved through efficient cash flow and inventory management, and the regular transactions with the supply chain partners and customers. Maintaining a healthy profit margin has not only helped us to clear the outstanding debts but also enabled us towards investing in new projects with relying on additional debt financing.

Effective inventory management

We also have a robust inventory management system in place. We classified inventories based on the nature of their movement. The fast-moving inventories are maintained in high quantities to avoid stock-outs and slow-moving inventories are ordered according to the requirement to reduce over-stocking.

As a responsible company, we strictly control the reorder point of products depending on demand and lead time. In addition, we have obtained better pricing and bulk discounts for raw materials due to our long and loyal relationships with our supplier partners. This has resulted in a positive way over the production cost.

Financial Capital

Strategies to maintain a strong financial position

At BALCO, we strive to maintain a strong cash flow which provides us with sufficient funds to execute future growth plans. We have also strengthened our credit rating, which allows us to obtain debt funding at a affordable interest rate, enabling us to improve our financial performance and maintain an optimum capital structure.

We are striving to mitigate our financial risks as a result of interest and exchange rate volatility, higher commodity costs, and decreased demand. Multiple task force has been formed within the organisation to address separate issues and come up with possible solutions along with curtailing the overall expenses of the Company.

Towards sustainable profitability

We are investing towards adopting automation and digitalisation techniques in our operations across various departments which will enhance the fulfilment of our sustainability goals. Moreover, to ensure a holistic development of our organisation we have emphasised on various new segments and verticals to serve a greater group of customers which will eventually improve the bottom line.

As a part of our short-term goal, our objective is to address the niche markets along with different value-added products under our existing product portfolio which will ensure on-boarding of new customers, complete capacity utilisation and enhanced profit margin. We have plans to enter in the new age product segments of rolling sheets and aluminium composite panels which will ensure higher traction and new market penetration.

Government initiatives such as the 'Make in India' and the PLI schemes are increasing productive volumes. The Government is also rolling out initiatives to upgrade electrcical conductors and boost the production of solar panels. These initiatives will promote the use of Green Aluminium in India and enhance our profitability.

BHARAT ALUMINIUM CO. LTD. ★ KORBA ★ balco

MANUFACTURED CAPITAL

Driving sustainable value creation remains at the core of our efforts at BALCO. It empowers us to initiate sustainable manufacturing processes across our plants, upgrade facilities and consistently adopt cutting-edge technology to minimise our environmental footprint.

Our integrated approach enables us to enhance operational efficiency and optimise costs, thereby allowing us to retain a competitive edge in the global market.

BALCO has a world-class manufacturing plant at :

Chhattisgarh

Our capacity

BALCO owns bauxite and coal mines, power plants, refineries, and smelters. Since its inception, the Company has successfully developed 5,80,000 TPA of smelting capacity. In addition, the fabrication facility has been expanded to include three Properzi rod mills for EC rods & one HindUdyog for Alloy rods, three Ingot casting machines (two EC & one for PFA), integrated hot and cold rolling mills and three power plants of 270 MW + 540 MW + 1200 MW capacity.

300 MW
Project
- efficiency improvement by 4% and capacity enhancement by 10%
- resulting in reduction of GHG emission

13 KT to 17 KT
Improvement in coal handling plant crushing capacity

ISO-9001:2015
Certified for manufacturing and supply of calcined alumina, aluminium ingots/billets, aluminium rods and aluminium rolled products.

BALCO'S Journey to Excellence

BALCO 1.0
- Smelter of **1 LTPA** with Soderberg technology in 1973
- BALCO was taken over in 2001 by Vedanta

BALCO 2.0
- **270 MW** Captive power plant
- **320 KA** Smelter with GAMI China
- Expanding further by the installation of **3.25 LTPA** aluminium

BALCO 3.0
- **540 MW** Captive power plant
- Expansion of the smelter by installing **5.10 LTPA** by employing 500 KA
- **1200 MW** thermal power plant.

BALCO 4.0

1 MnT Aluminium Club
- ESG leader
- Digital driven
- AI based operation

Driving sustainable progress

We have achieved a remarkable milestone in our supply chain operations by migrating from Free on Board (FOB) to Cost, Insurance and Freight (CIF) system. This has significantly helped to bring down our logistical expenditure and optimised the overall production cost.

Growth of spares, consumables and MRO items

75% in FY 2022

85% in FY 2023

We have also successfully reduced the frequency of demurrage, detention and dead freight (for commodities like Alumina, CP Coke, CT Pitch ALF3, Coal, etc.) in our supply chain operations to drive a significant impact on our cost of production.

BALCO is the only company in India to receive approval for simultaneous export and import. It has bolstered the power business and has enabled

Manufactured Capital

the Company to incur recurring benefits. Our Chotia coal mine, with a capacity of 1MTPA, located in Hasdeo Arand coal field of Chhattisgarh, has restarted operations and is expected to ensure sustainable coal sourcing in the days ahead.

For an aluminium manufacturing company, optimum utilisation of ash is significantly beneficial. At BALCO, we have successfully achieved the highest ever ash utilisation mark of over 174%. It has not only enhanced cost effectivity, but also reduced waste generation, contributed towards the conservation of natural resources and decelerated greenhouse gas emissions from power plants.

>170%

Ash utilisation

Asset Management

BALCO emphasises the importance of a structured approach to asset optimization. We aim to enhance asset life, increase throughput and reliability, and achieve these objectives in a cost-effective and sustainable manner. This policy applies to all individuals responsible for operating and maintaining BALCO's assets.

To achieve these goals, we implement a systematic approach to assess equipment performance and evaluate the asset management of different Strategic Business Units (SBU). This includes conducting criticality analysis, condition appraisals, and developing refurbishment plans.

We have established a comprehensive framework for various maintenance activities, such as operations and plant maintenance, equipment maintenance, utility operations and maintenance, building and ground maintenance, facilities protection and security, and safety and environmental compliance.

Material Conservation

Our sustainability strategy is focused on evolving production processes to become more efficient with increased effort on conserving the resources as much as possible. We are taking active initiative in our raw material conservation through the process of recycling and re-usage. The used anode butt from our production process is again utilised in the production of fresh anodes. We also recycle cast iron in anode rodding. Through these steps, it has brought an overall reduction in fresh procurement of pig iron and Calcined Petroleum Coke.

Digitalisation to aid efficiency

At BALCO, we have digitised operations to enhance efficiency and production capability. We have adopted artificial intelligence-based Auto HSSE (Health, Safety, Security and Environment) monitoring system, to ensure safety and security at the workplace and lower risks of accidents at manufacturing plants. The system also enables compliance to regulatory mechanisms and allows us to sustain HSSE standards. These efforts not only contribute towards long-term sustainability but, also support our endeavours to ensure cost-efficiency.

We have also adopted digital methods to track lube oil consumption and maintain optimum oil levels. The advanced technology helps to identify inefficient machinery and equipment that consumes more oil and allows us to take timely action. Moreover, it also ensures recovery of used oil and optimises oil consumption, thereby bringing down costs significantly. Accurate data related to oil usage and waste disposal is also obtained through this system.

Planning of coal materialisation is also eased with the use of advanced technology. It helps to track the supply of coal from mining sources along with its transportation and storage. It also ensures proper loading and unloading of coal. It, therefore, facilitates better resource management through real-time monitoring and quick identification and redressal of various issues.

Accelerating productivity

To reduce downtimes and ensure optimum productivity of machines, we have undertaken efforts to regularly overhaul our units and machinery to prevent breakdowns, increase the lifespan of units and maintain the quality of products. This also allows us to repair or replace parts at the earliest, an effort that proves to be quite cost effective in the long run.

Graphitized cathodes in potline

To be more cost efficient, the process needs to be more energy efficient. Energy efficiency depends mainly on the technology used and relining materials being used. In a electrolytic cell, energy consumption can be reduced by reduction of voltage drop & increasing the pot life.

Runaya Dross Processing

We have our in-house dross processing mechanism to process the byproduct generated from aluminum melting.

Capacity: **10,000 MTPA**

100% processing with

35% metal recovery

We have implemented Kaizen across our manufacturing processes. Through this, we are able to identify the source of the problems and enhance productivity. Following are the key improvements achieved through the implementation of kaizen-

- By installing the table air blowing system, we have reduced the Gasket consumption by 50%.

₹80,000

Savings per month

- By installing ultrasonic sensor in place of inductive proximity sensor we have reduced frequent sensor damage.

₹50,000

Savings per month

- We have modified our cast wheel and tilting launder in our cast house which has improved our teamwork, employee morale and also enhanced the customer experience.

₹15 lakhs

Savings

- We have implemented auto stoppage FTA in our maintenance platform area which has led to an improved quality of products along with the production process being more efficient through reduced idle time.

₹62,80,000

Savings

- We have installed alternate degassing system which has helped us in quality control for rolled products thereby generating higher profitability through improved performance.

₹18,36,000

Savings

Capacity expansion

According to a study conducted by BCG, the demand for aluminium in the Indian subcontinent is expected to grow by three times, to reach 12-13MTPA by 2030. Demand is primarily expected to arise from packaging, automobile, machinery, manufacturing and infrastructure.

Taking into consideration the growing demand, we have planned to expand our aluminium smelting capacity from 0.58 million TPA to 1 million TPA. The comprehensive expansion plan also takes into consideration the requirement for essential resources such as water and power. We already possess a captive power plant, which is set to undergo further capacity expansion. As a result, additional permissions for water and power supply will not be necessary, enabling a smoother execution of the expansion project.

The new manufacturing plant is equipped with world-class facilities for:

- Integrated alumina, calcined petroleum coke and finished goods handling systems
- Casting facility, ingot movement and other downstream products
- Green anode plant with end-to-end material handling capability
- Bake oven and anode rodding shop to process green anode
- Rectifier and switchyard, utility, infrastructure and township
- Expansion of railway line by doubling track connection to Korba railway station for catering to future demand

Along with its smelter expansion, BALCO strives to expand its finished goods production capacity from 51KTPA to 180KPTA. Billet production capacity is also expected to increase to 420KTPA and primary foundry alloy facility will enhance output by 90KTPA.

Aligning with India's Net Zero goals

BALCO has purchased over 500 MU (megawatt-hours) of renewable energy (RE) in FY 2023 and aims to further procure sustainable RE power for its smelting operation. This will significantly lower greenhouse gas emissions in comparison to traditional fuel-based power generation. It is also a step towards improving the air quality while reducing the risk of global warming.

Additionally, we are implementing biomass firing in our facilities. This carbon-neutral energy is expected to significantly reduce our environmental footprint. By transitioning towards sustainable energy usage within our operations, we strive to improve our contribution towards a cleaner and better tomorrow.

Quality assurance

At BALCO, we lay great emphasis on producing the finest quality products. Our state-of-the-art laboratory adheres to various quality standards and relies on a quality-first approach. We also comply with ESG policies and strive to ensure sustainability during the procurement process. BALCO has strengthened its focus on upgrading and acquiring new testing equipments and instruments to improve the accuracy, efficiency and reliability of lab operations. We also developed robust quality culture by implementing Quality Management system such as ISO 9001 to streamline the process and improve the traceability of test reports.

ISO 9001:2015

Certified for quality management system

Robust supply chain management

In order to maintain an integrated supply chain, we engage in robust planning of B2B sales processes to create an optimum balance between demand and supply. Also, we strongly coordinate with the transportation team to ensure timely delivery of goods. BALCO is consistently working to improve delivery standards and utilises best-in-class packaging to ensure zero consumer complaint.

BALCO has an effective and automated inventory management system incorporating the following:

- Identification of NMI/SMI inventory and blocking of material codes for further procurement
- Classification of materials on the basis of vital, essential, desirable and insurance categories for smooth inventory operations
- Shelf-life tracking of material to reduce wastage
- Perpetual inventory verification
- Physical verification of inventory sourced from third party

Towards a greener tomorrow

At BALCO, we remain committed to foster a sustainable tomorrow. Accordingly, we have invested in energy efficient equipment that helps to conserve energy and minimise our carbon footprint. We have adopted video analytics, artificial intelligence and machine learning based tools to become an environmentally responsible organisation and achieve our net zero target. Also, we strive to minimise waste generation from our production process through optimum utilisation of raw materials and use of products that can be recycled. We are also encouraging our supply chain partners to adopt green initiatives. Moreover, to reduce the use of paper, we continue to adopt digital channels of communication.

We are minimising carbon emissions across the units by implementing innovative measures. We are using FTP with lower specific power consumption and also enhanced our pot lining life which has significantly resulted in reduction of carbon footprint.

Reduction in specific power consumption from

200+kwh/ton of Al to

149kw/ton of Al

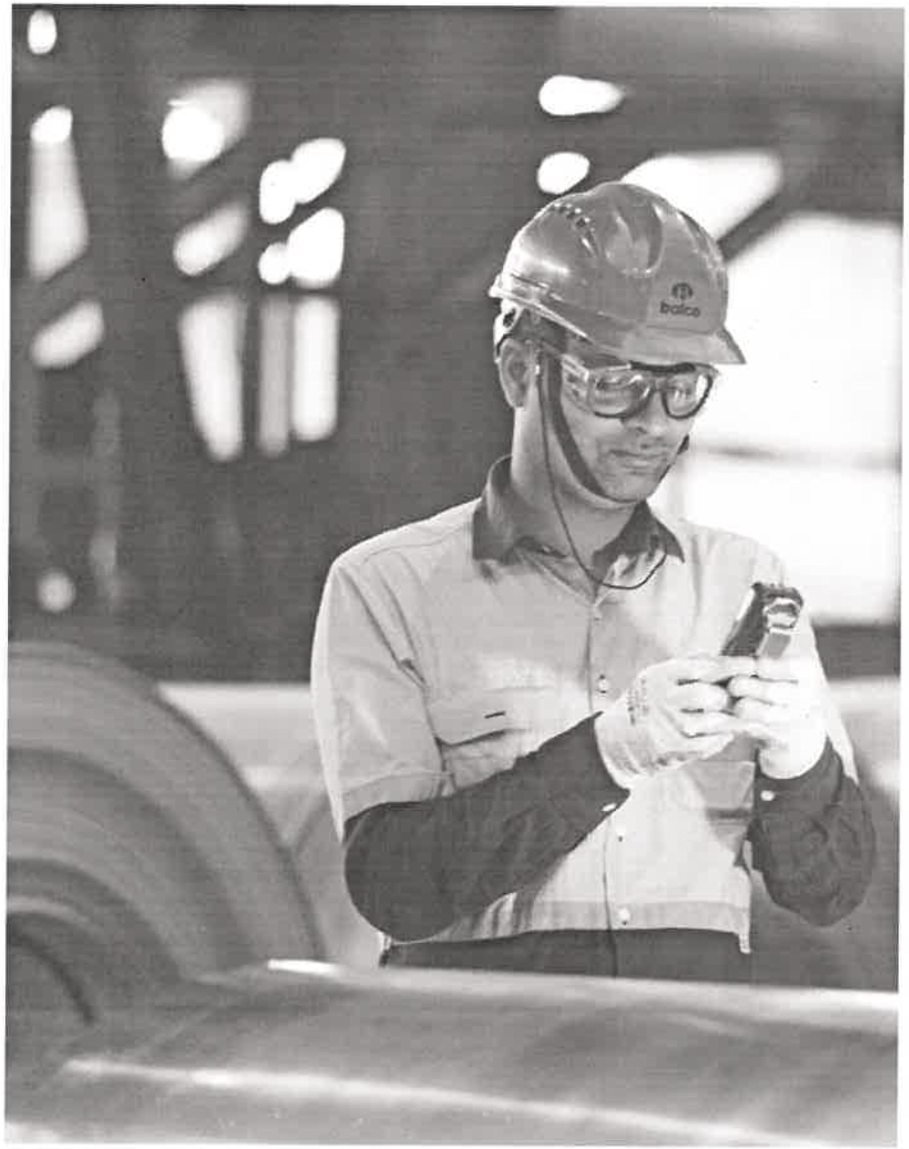
~48 kg/T of aluminium

Specific CO_2 emission reduction

~494 ton reduction in carbon consumption

Through enhancement of pot lining life from 1800 days to 2190 days

BHARAT ALUMINIUM CO. LTD. balco KORBA



INTELLECTUAL CAPITAL

We are continuously building on our digital and automation capabilities by fostering a culture of innovation. The digitisation of our ecosystem has been a significant undertaking that has helped in streamlining our operations, and we plan to continue investing in cutting-edge technology. This has helped us to define our way forward and enabled us to achieve significant growth and create sustainable value for our stakeholders.

By embedding sustainability as our core business objective, we at BALCO, are accelerating our growth through rapid adoption of digitalisation and advanced frameworks for maintaining our quality standards at an optimised cost.

Highlights for FY 22-23

₹ 2.08 Crore
Expenditure on R&D

₹ 3.76 Crore
Revenue from new products

1st position
In Quality Framework Assessment audit

Research and Development

Research and Development has laid up open innovation network in collaboration with CSIR, IITs and other research institutions. R&D team has made significant contributions in new product development, waste to wealth and process intensification in FY23. Notable among the achievements are the following:

New product development:

Remarkable improvement has been achieved in development of deep drawing and anodizing grade AA3003 circles. New alloy chemistry design, optimising the homogenisation cycle, and fine-tuning both the hot and cold rolling schedules, along with the annealing cycle have been done to enhance the deep drawability of the material while also improving its anodizing response. By maximising the conversion of β-phase to stable α-phase, we were able to achieve a significant reduction in plastic anisotropy and a superior anodizing surface finish. Initially, we faced a 70% rejection rate due to tearing failure during the deep drawing operation and issues with anodising surface quality. However, our innovative process has now led to virtually zero tearing and anodizing quality issues at the customer's end.

Our team also carried out a R&D project focused on removing iron from pure smelter grade aluminium through flux refining at the cast house. This inventive process has enabled us to reduce iron content by more than 200 ppm from smelter grade pure aluminiumas observed during trials.

Wealth from waste:

Utilization of the Dross Slag: R&D team has developed a novel laboratory process for utilization of dross slag for manufacturing valuables like AlF_3 and others. Also Basic Engineering package consisting of List of Equipment, Equipment Layout, Mass Balance, Energy balance and total CAPEX requirements have been prepared. sister company of Vedanta M/S Runaya has shown interest for setting up a Pilot plant.

Utilization of the Spent Potline and Shot Blast dust:

Spent potline waste generated from the Smelters are hazardous in nature with the presence of cyanides and soluble fluorides which pose risk to environment. Shot blast dust is generated in the process of cleaning of spent anodes in Rodding shop contains fluorides making it compulsory for Secured land filling. R&D team has successfully developed process for recovering value products from the waste streams of both Spent pot line and Shot Blast dust. The recovered products like graphite and cryolite can be utilized in high end applications. Basic Engineering exercise consisting of List of Equipment, Equipment Layout, Mass Balance, Energy balance and total CAPEX requirements have been prepared for both the processes and Pilot plant of suitable capacity can be planned for the same.

Product development

New products launched in FY23

Alloy Wire Rod

High performance alloy wire rods with customised properties for improved energy efficiency, operational longevity and superior conductor functionality.

Aluminium Circles

High quality aluminium circles with exceptional drawability and surface finish to meet domestic kitchen applications.

Roofing Sheet

Innovative roofing sheets, tailor made for structural, automotive and marine applications.

Adopting artificial intelligence

The Company has adopted artificial intelligence-based technology to limit the risk of injury. We will use AI-based insights to ensure safety during the manufacturing process and remote safety surveillance 24X7.

Comprehensive AI models are created on cameras, sensors, edge devices and drone data which identifies and manages safety risks during the daily operations, construction projects, shutdowns and turnarounds. The AI-powered software also enables our in-plant monitoring team to collect real-time asset data for proper and timely decision-making.

Benefits achieved through AI:

Automated various safety standards such as OSHA, IOGP 577, COHS and many more which has eased the process of monitoring and controlling the rate of accidents and injuries	Brought a sustainable change in the internal working environment by tracking multiple hazards and detecting possible threats in real-time
Identifies the possible risks which may arise due to violation of any regulation	Provides report on the latest market trends and dynamics which may create an impact on the internal operation of the organisation
Provides weekly analytics of the whole site including 360-degree coverage of hard to reach areas	Ensures traceability and referencing for all safety events along with leveraging designs for large scale data consumption.

Assuring quality

The Company adheres to the Quality Management Framework, which aids in the alignment of policies and business plans, ensuring overall organisational improvements and stakeholder involvement. The Quality Management Framework assesses quality from the acquisition of raw materials through the delivery of completed items to customers.

1st position

In Quality Framework Assessment audit

As a quality-conscious Company, we are committed to conforming to all quality aspects, beginning with screening supply chain partners, processing products, the type of logistics appointed, the kind of advertising done, and finally the seamless delivery to consumers.

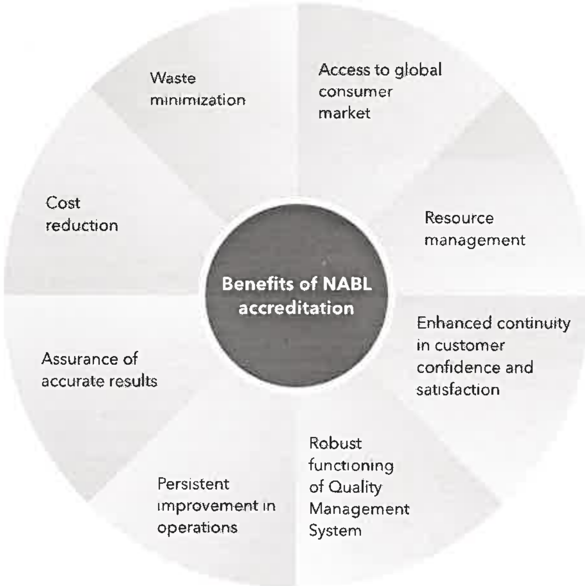
NABL accredited metal lab

Our in-house metal lab has been granted NABL accreditation in accordance with ISO/IEC 17025:2017 in the disciplines of chemical, electrical and mechanical testing. Using multiple sophisticated testing processes, our internal team conducts various chemical analysis, mechanical and electrical tests on the materials to ensure quality of the materials and microscopic examinations are done to reduce defects.

IATF 16949:2016

Certified for International Standard for Automotive Quality Management Systems

BALCO's Coal quality assurance laboratory is the National Accreditation Board for Testing and Calibration Laboratories (NABL) confirming to ISO/IEC 17025 2017



Ensuring reliability through certifications

BALCO is now Bureau of Indian Standards certified. We have BIS license for seven of our aluminium goods such as rolled products (sheets, plates, and plates for general engineering), wire rod, alloy ingot, EC ingot, and primary ingot.

1st in India to receive certification for Rolled products

2nd in India to receive certification for Aluminium Ingot, EC Ingot and Primary Ingot.

We are the first organisation in India to perform Cold PoDFA (Porous Disk Filtration Apparatus) sampling and testing with our in-house techniques and arrangements. The testing has successfully qualified and ensured fulfilment of customer requirements. Now, BALCO, being the first lab in the country with in-house facility, have confirmed order placement based on the PoDFA results.

1st Lab in India with cold PoDFA facility for verification

At BALCO, we are dedicated towards taking calculated risks and implementing new and innovative solutions to overcome business problems arising due to the internal and external factors. We ensure constant monitoring of our manufacturing facilities through real-time status of the machinery utilised for production. In addition, we use predictive analysis to gain an early warning of a potential breakdown, allowing us to take appropriate action.

Centralised Security Operations Centre

The CSOC is a comprehensive system designed to enhance our security posture through continuous monitoring; prevention, detection, analysis, and response to security incidents.

By employing skilled personnel, streamlined processes, and advanced technology, CSOC ensures a secure and efficient working environment for BALCO. Key features of CSOC include intelligence gathering, audit and governance, data analysis, surveillance, patrolling and security checks, incident management, emergency response, and asset management. The primary objectives are to coordinate responses to security incidents, monitor security posture, maintain security incident databases, reduce response times, provide alerts and notifications, manage traffic, train personnel, and conduct periodic audits and checks.

Usage of IR thermography technique for rise in temperature detection before fire and generates fire triggers (hooter) to Control room and CSOC

ISO/IEC 27001:2013

Certified for Information Security Management System (ISMS)

Functions of CSOC

- Real-time management for prompt reactions to security events
- Monitoring and maintenance to ensure optimal asset condition
- Reduction of manual processes for efficient resource utilisation
- Asset tracking for seamless monitoring of asset movements
- Asset optimisation to strike a balance between efficiency and reliability

CSOC

is a vital solution for us to safeguard our assets and maintain a secure working environment.

Data security and privacy

In addition to several rules, BALCO has department-specific authorisation on various digital platforms with varied responsibilities to ensure comprehensive security and privacy of personal data. Several controls and solutions, including role-based access control, data loss prevention software, data categorisation, and data labelling, have also been introduced. Workers are also given cyber security training on a regularly.

We have established a Desktop Security Policy whose features includes

- Updated antivirus software on all workstations
- Exclusive use of BALCO-owned equipment
- Approval system for hardware/ software changes
- Prohibition of non-essential or pirated software
- Password protection and screen saver activation
- Individual user logins and no sharing of PCs

Digitising supply chain

BALCO strives to reduce external risks by implementing advanced digital solutions. We have automated the development of Goods Receipt Notes (GRNs) for parts, consumables, and commodities, as well as the preparation of Lorry Receipts (LRs) for delivering completed goods. This has resulted in increased efficiency, cost savings, environmental sustainability, improved accuracy along with easy record keeping and better customer service.

The development of an Integrated Vehicle Management System allows us to ensure the entry of the right carrier and contents. We also have a GPS system that tracks the movement of all inbound and outbound trucks carrying raw materials or finished goods. In addition, we have implemented online RGP (Returnable Gate Pass) and NRGP (Non-Returnable Gate Pass) to correctly trace materials or equipment leaving production plants.

Integrated Transport Management System (ITMS)

Our aim is to transform the logistics industry by implementing an Integrated Transport Management System (ITMS) that will oversee both inbound and outbound vehicle movements. By incorporating ITMS, we intend to replace existing manual and disintegrated plant transport operations with a digitally enabled, automated solution. This approach will allow us to manage vehicle movement operations in an integrated manner, eliminating unwanted delays and increasing visibility. The scope of vehicle movements will encompass mines to plant, plant to plant, plant to customer, plant to depot, supplier to plant, trans-shipment, and contract vehicles.

The features of ITMS will be extensive, ranging from order management and load planning to fleet management and route analysis. By implementing this system, we will also be able to leverage business intelligence and analytics to further optimise our logistics operations. As we embark on this journey, we are confident that ITMS will not only modernise our processes but also provide a more efficient and seamless experience for our customers and partners.

Achieving sustainability through digitisation

We are striving to become a zero-waste organisation. With this objective, we are trying to incorporate technological interventions across all aspects of our operations. We use a digital platform for oil balancing extensively in our manufacturing process, which monitors the quantity of fresh oil used and, as a result, increases the oil recycling rate without incurring any loss.

We have a technology in place called the Advance Pattern Recognition system that predicts the potential of equipment malfunction and minimise its reoccurrence. In addition, the automated model aids in estimating the variation that may occur in the power schedule, causing power use to exceed the required amount. We can quickly address the concerns with these solutions, reducing our energy use.

BHARAT ALUMINIUM CO. LTD. balco KORBA

Achieving sustainability through innovative projects

Over the years, we have made significant strides in enhancing our manufacturing processes and procedures to minimise our environmental impact and embrace a more sustainable future. To achieve our eco-friendly goals, we have introduced several innovative projects. These include the application of Quinoline for mitigating hazardous waste exposure, repurposing rodding dust in GAP to decrease waste production, and implementing an automated syphon cleaning machine to ensure employee safety and time savings, among others. Collectively, these initiatives enable us to work towards a more sustainable and greener future.

Nano Emulsified FO System (NEFS) implementation

At present, our factories consume 65 KL of HFO daily. By implementing the NEFS system, we can achieve significant savings due to its ability to enhance secondary atomisation, decrease emissions, and improve heat rate. As a result, HFO consumption can be reduced by 10-15%, potentially leading to an annual savings of INR 7 Cr. We have initiated trials of this system at our Bake Oven, which have already demonstrated promising outcomes.

10.45%
Savings achieved in trial run

Al_2O_3/Si base solution to reduce anode oxidation

In our efforts to reduce carbon consumption, we have developed an Al_2O_3/Si-based solution that moderate the oxidation of anode material. This innovation has the potential to cut carbon consumption at the pot line by 5 kg/MT. We have already conducted pilot trials and explored mechanised systems, both of which have yielded positive results for our operations.

Enablon

Our Vunified: Enablon portal and mobile app is an innovative, single Health safety and Environment (HSE) digital platform that comprises seven key HSES modules.

1. Incident Management
2. Observation Management
3. Data Management
4. Management of Change
5. Process Hazard Analysis
6. BP Safety Management
7. Risk Management
8. Audit Management

Previously, we relied on various portals and even maintained some modules in hardcopy form. With the Enablon solution, we have successfully transitioned to a paperless and integrated platform.

Streamlining operations

All of our employees now have access to the system, allowing them to report incidents observations, safety rounds, safety interaction, etc. in the portal while area-wise in charges are assigned to validate and take appropriate action directly through the portal. This integration has brought all our sub-units and Vedanta units onto a single HSE platform, ensuring uniformity and streamlining operations. The platform also enables the sharing of HIPO incidents and learnings across Vedanta units for horizontal deployment.

The ability to generate reports in a variety of formats has significantly improved data retrieval and system tracking processes. The system's user-friendly interface has ensured accessibility for both our employees and our business partner employees, promoting seamless collaboration. Through the implementation of the Enablon portal and mobile app, we have undoubtedly elevated the management and execution of our HSE operations to new heights of efficiency and effectiveness.

Digital Initiatives

Refractory App Launch

As part of our ongoing commitment to digital transformation, we have launched the Refractory App in this financial year. This cutting-edge application enables the digital monitoring of our refractory unit, effectively managing all refractory-related data, historical records, and trends.

Advantages of the Refractory App

- Real-time data analysis
- Rapid data retrieval
- Centralised repository for furnace efficiency data
- Continuous monitoring capabilities
- Transparent reporting
- Predictive analytics for furnace lining
- Generation of high-quality data

Bath Sensor Collaboration

We have partnered with Jawaharlal Nehru Aluminium Research Development and Design Centre, Nagpur, to automate the monitoring of bath parameters. Together, we have developed and installed an advanced bath sensor that measures critical parameters such as operating temperature, liquidus temperature, superheat, and excess alumina percentage. This collaboration exemplifies our culture of 'Empower, Engage, and Inspire,' significantly contributing to our digitalisation journey.

Benefits of the Bath Sensor

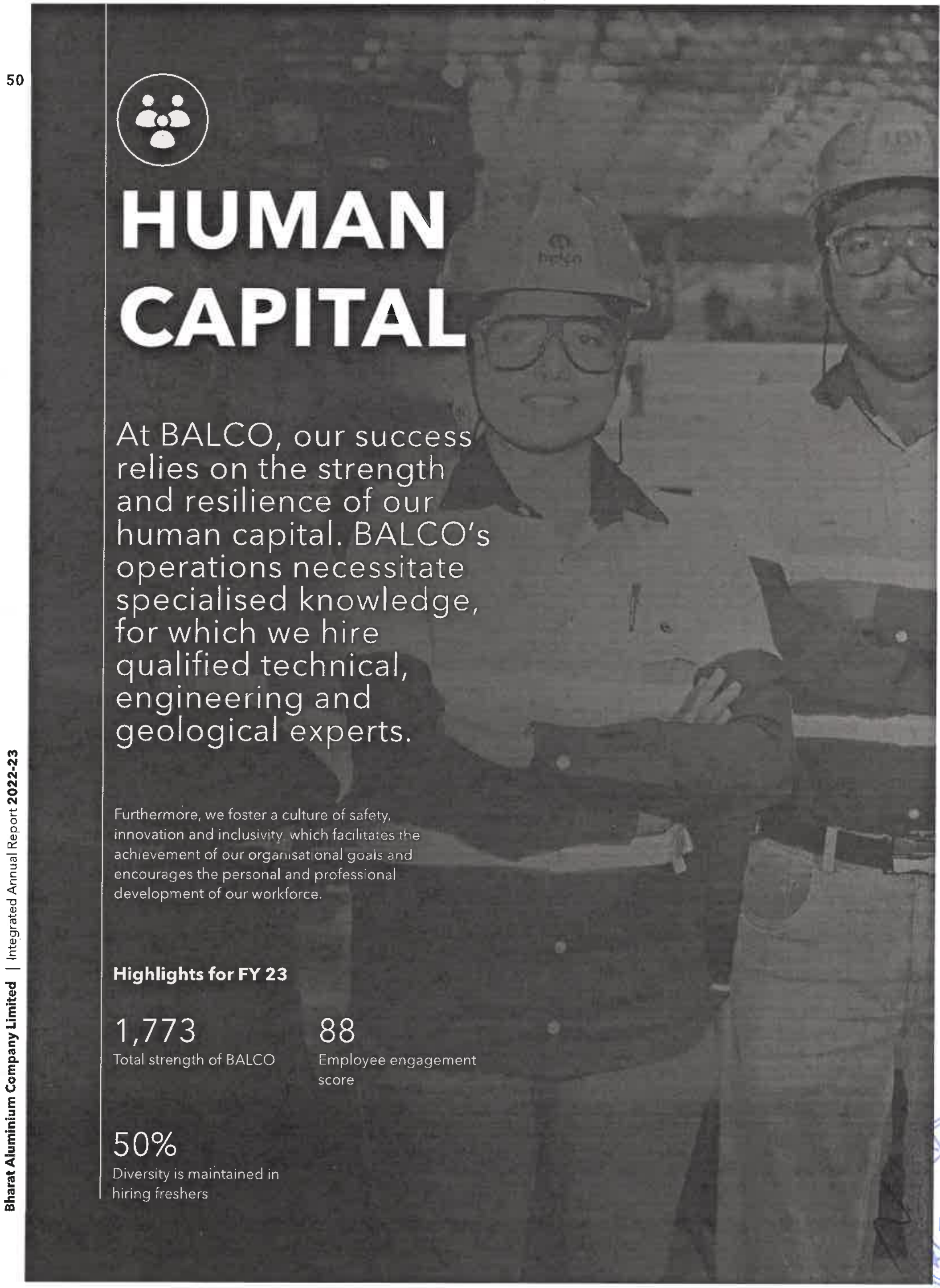
- Improved current efficiency, resulting in reduced power consumption
- Instantaneous results
- Increased precision in pot operations
- Real-time assessment of bath properties
- Synchronised bath parameter measurement
- Insight into cell stability for enhanced performance
- Optimised energy consumption planning
- Minimised instabilities

Metal Digitalisation for Pot Room

We developed and in-house mobile app for our employees to track and analyse aluminium smelting pots (electrolytic cells) which needs maintenance. We can now get real-time alerts in case there is any glitches enabling us to make instant decisions. This also allows us to real time monitoring of burner controller and water used to cool down the metal for making finished product in cast house further leading to efficient fuel consumption and enhanced product quality.

DIGIFIN - BALCO

We took several initiatives under our "DIGIFIN BALCO - Digital transformation of Finance program" where with strong governance we look forward to strengthen our monitoring process, reducing turnaround time of financial processes and eliminate opportunity for errors.



HUMAN CAPITAL

At BALCO, our success relies on the strength and resilience of our human capital. BALCO's operations necessitate specialised knowledge, for which we hire qualified technical, engineering and geological experts.

Furthermore, we foster a culture of safety, innovation and inclusivity, which facilitates the achievement of our organisational goals and encourages the personal and professional development of our workforce.

Highlights for FY 23

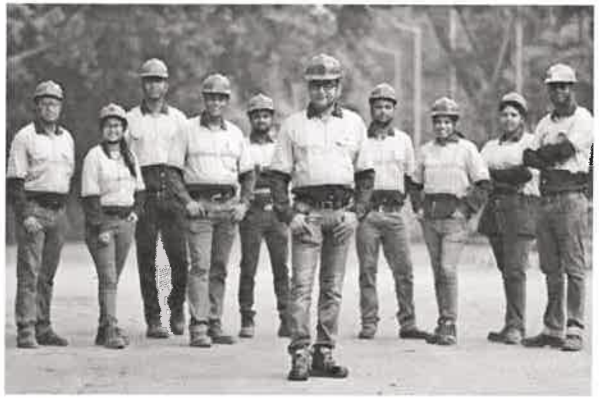
1,773
Total strength of BALCO

88
Employee engagement score

50%
Diversity is maintained in hiring freshers

Our human resources

Our talent pool is our most valued stakeholder and our most differentiated asset. Their sincere efforts to enhance productivity and operational excellence lend us a competitive edge over our competitors. In the years ahead, we remain committed to leveraging our human capital as we continue to create sustainable value for all stakeholders.



Building a collaborative workspace

We are actively implementing various employee engagement initiatives to build a collaborative workspace. Our employee-connect sessions helped our entire workforce interact with other co-workers from different departments across all organisational levels. Interestingly, these direct interactions with the top management informed our people about the Company's strategic plans as well as the short and medium-term objectives.

At BALCO, we are focusing on creating a transparent, unified and purpose-driven organisation. We also organising programmes to empower women and engage freshers through various activities in FY23. This year, our people also participated in several ESG workshops conducted by the organisation.

Highlights of the FY23 engagement programmes

BALCO Talks

BALCO Talks are our own customised version of TED Talks. These provide a platform for the senior and middle management executives to share their diverse experiences and expertise with the young people of the organisation to help them better understand how to capitalise on emerging opportunities, both professionally and personally.

CEO Town Hall

We firmly encourage open dialogue with our colleagues across all our business verticals. BALCO organises a CEO Town Hall every quarter, during which we clearly communicate our business agenda, quarterly targets, safety points to be adhered to and employee welfare initiatives in line with the Company's core values and mission. We also publish our own e-newsletter, 'BALCO Today,' which covers the major activities and programmes organised across the plant.

Leadership Connect

This platform's objective is to promote interaction with senior leaders. The project has made it easier for employees to share their job experiences, difficulties, and grievances directly with the seniors. Within BALCO, this campaign has covered more than 100 new employees and 50 laterals or transfers during FY23.

Outbound Learning Programme

We conducted an outbound learning programme, 'Explore – Ek Khoj 2023', with 173 new members participating in it. It was organised outside the usual workplace. This aided in connecting with employees and engaging in numerous adventurous events, which facilitates employee grooming.

Human Capital

Suraksha Kutumb

We have launched this project to foster a culture of care and belonging at BALCO for all our people. This offers opportunities to strengthen internal relationships. In this drive each executive is mentoring and made responsible for ensuring safety of 10 to 15 business partner employees. The Coaching and safety culture enhancement are also covered under this programme, which drives the CARE culture for our people.

Superwoman EXCO 2023

We have put forth an extensive effort to encourage our female employees, giving them the freedom to express their creativity and employ their innovative thinking to develop cutting-edge concepts. During International Women's Day week, we hosted the iconic 'Super 50,' where all the senior management positions were filled by female employees for 2 days. This initiative raised awareness about the adoption of employee diversity in leadership positions by empowering the female workforce.

Prithvi – ESG Workshop

At BALCO, we implemented several conservation and ecosystem restoration initiatives by employing cutting-edge technologies, along with all our people across various operational locations. This educated our people to operate in an eco-friendly manner with zero plastic usage. The workshop also encouraged our people to identify the best practices for achieving the ESG objectives of our Company.

Thanksgiving Day

We are an organisation that sincerely cares for each of our employees. Recognising the efforts of our security personnel, chefs, fire fighters, housekeeping team and IT team for their back-end efforts and the crucial role they play in ensuring our success, we began implementing small yet significant initiatives to honour them. On Thanksgiving Day, we engaged with them to extend our sincere gratitude for their dedicated services.

Building enduring bonds through focused employee-engagement programmes

Through various engagement activities our learning and development team has organised a team-building event to reinforce employee bonds beyond the workplace. Through this initiative, we have united all our employees under one roof and fostered a sense of belonging among the BALCO family. We have more than 80 additional staff covered under this programme till FY 2023.

88
Employee engagement score

We highly encourage our people to come up with innovative ideas. To achieve this, we conduct the 'idea@ balco' programme every month to solicit new and creative ideas from our people. An average of five ideas out of all the submitted ones are chosen and strategies are developed based on them.

We also regularly track employee satisfaction. These are conducted through the Great Place to Work (GPTW) and the Kincentric surveys. The management responds to survey responses regarding employee concerns and develops methods to address them as soon as possible.

To resolve our workers' complaints regarding the workplace and corporate culture, we maintain an effective employee grievance redressal mechanism. Along with ensuring strict adherence to the POSH regulations, we also have awareness modules to train our personnel on the Code of Conduct, Business Ethics and Whistle-Blower Policy.

We focus on our hiring, sensitisation, talent retention and development processes, as well as pertinent infrastructure expenditures, as we strive to incorporate equity, inclusion and diversity. Our objective is to create a workplace that encourages a culture of trust, integrity, empathy and respect for every person.

3%
Attrition rate

BHARAT ALUMINIUM CO. LTD. balco KORBA

Talent acquisition

During FY 2023, BALCO onboarded over 135 freshers from top-tier educational institutes across the country while maintaining 50% gender diversity during recruitment. The best candidates are shortlisted based on merit, skills were behavioural criteria appropriate for the job role.

We have also conducted a well-designed cross-business induction process for management trainees to understand the aluminium sector. Towards this end, We undertook a targeted people practices approach by implementing skill development activities and team-building exercises with the guidance of senior management members to enhance productivity.

BALCO Buddy System

We have launched a flagship programme called the 'Buddy System' to inform the new employees about the rules, norms and culture of BALCO. Each of the new hires is assigned a buddy with whom they can interact, engage and learn more about the work environment. This ensures a smooth transition into the corporate culture as it helps foster a feeling of inclusion and belonging.

Ghar Vapsi

We have initiated the re-hiring of our top personnel and leaders into the organisation based on business needs. Through the Ghar Vapsi project, we are recognising the former regular and full-time employees whose skills and knowledge can be utilised in any critical job role, according to the re-hiring policy. During 2021, six highly competent employees were re-hired and during 2023, two such ex-employees were re-hired.

Human rights

We are committed to respecting, safeguarding and upholding the human rights of all stakeholders in our value chain. All of our sites, along with the entire value chain, have structured channels for communicating grievances that are accessible to the rights holders.

Some of the policies implemented for employee well-being include:

Mediclaim and accident insurance policies which offer monetary benefits to employees and their families in the event of medical emergencies and accidents.

Maternity benefits policy according to the rules and regulations.

Gratuity and Provident Fund policy following the regulations

Equal Opportunity policy
Targeted at providing equal employment opportunities without any discrimination on the grounds of age, colour, disability, national origin, state, religion, race, sex, and so on.

Whistle blower policy
To govern the receipt, retention and treatment of complaints and to ensure the anonymous reporting of the stakeholders, employees and cases reported.

POSH Act based on regulations.

Technology-based HR practices

The integrated digital HR platform, called 'Darwin Box', manages all the aspects of HR operations, including the recruitment process, employee performance, remuneration process and so on. BALCO has an LMS portal and a digital buddy system in place for training our people. The system assists our people and aids in the resolution of any workplace-related concerns.

Mobile app for easier access to Provident Fund information by employees

BALCO has launched its first mobile app for Employees Provident Fund Statement View, enabling employees to view and manage their Provident Fund accounts with just a single click on their mobile phones. This initiative demonstrates our strong commitment for leveraging technology to enhance the employee experience by streamlining important administrative processes and making them more user- friendly.

Encouraging diversity and inclusion

In FY2023, we encouraged diversity by providing everyone with numerous opportunities to succeed, regardless of their gender, caste, colour, religion, and other factors. Together with the inclusion of 14 transgender people and one person with a disability, we have also maintained high diversity in the decision-making bodies inside our organisation. Additionally, we prioritise local hiring across the plant locations to encourage community empowerment. Currently at BALCO, we have 63% local hires as executives, 93% as workers and 88% as contract workers. In addition to this, we have concentrated on hiring minority people from Jammu and Kashmir and the North-Eastern states.

During Pride Month, 14 members of the LGBTQ community were welcomed into the BALCO family across various domains. We marked the celebration of the spirit of diversity and inclusion by fostering an inclusive corporate culture and actively engaging with our LGBTQ members.

50%
Diversity is maintained in hiring fresher

10%
Minority hired from the North-Eastern states and Jammu and Kashmir

9%
Diversity is maintained in hiring senior managers

20%
Total female employees

Developing and sustaining high-performance

At BALCO, we believe that educating our people through ongoing training and development programmes will enable them to implement their skill sets more effectively and perform even better.

Several training sessions are conducted based on behavioural changes, adherence to the Code of Conduct and corporate ethics. Also, our people receive regular training on technological advancements to enhance their productivity. A regular safety training programme is also offered by BALCO to help reduce the frequency of accidents that occur during production.

All our training requirements are identified after considering the skill matrix, the overall business need, as well as the functional and safety standards. Following this, every month, the leaders, executives, workers and contract employees receive proper training.

We have also partnered with BITS Pilani for an integrated learning initiative called 'Project Horizon' for the development of senior leadership.

The training initiatives have helped develop star employees with high performance, thereby leading to an overall increase in ROI.

15
Business Stars identified

23
Technical Stars identified

7
Value Champions

Leadership Programme FY'23	Laders Identified Developed FY23 Till Date
Mines Act-Up	1
Project Act-Up	10
Top Emerging Leaders- Leadership Identification and Development Programme	14
Non-HR 1 HR	3
V-Excel Top Performers Batch 2021-22	19
Business Stars	15
Technical Stars	23
Value Charpiers	7
Total	**92**

Initiatives undertaken to drive greater efficiency and enhanced performance

V Reach Lead Excel Aspire

V-Reach
Considering the philosophy of 'Growth from within' we have introduced a process to identify talent and equip future leaders of our organisation with a development strategy

V-Lead
In keeping with our long-term sustainability roadmap, we have taken steps to train highly capable female leaders across all business verticals

V-Excel
This initiative has been structured to enhance the unique talent development of the new members under the guidance of the senior leaders. This is done through a digital platform that is available 24 hours a day, 7 days a week accessible from anywhere. The initiative involves onboarding, engaging, grooming and nurturing young employees and new hires to drive the overall development of the Company

V-Aspire
With a primary focus on cross-business movements, this programme is intended to provide our cost and management accountants with additional roles and responsibilities

BHARAT ALUMINIUM CO. LTD. ★ KORBA ★ balco

ACT UP

This is a flagship initiative of BALCO, which involves case studies, group assignments, personal interviews and online personality profiling through which we can easily evaluate the leadership potential of our talent pool. Through the STARS identification and development process, we can easily map the right people for an enhanced leadership role at an early stage.

Job Rotations

As a futuristic organisation, we have a job rotation policy in place that ensures that positions are switched every 3-4 years across different locations, roles and functions. This enables our people to gain a wider perspective and experience on both internal operations as well as the industry as a whole.

Man-days of training provided in FY23

7.6
Executives

2.0
Workmen

1.1
Contract workforce

Rewarding our people

It is a part of our culture at BALCO to recognise the sincere efforts of our employees. To that end, we conduct felicitation ceremonies to reward our star performers for making great contributions towards the sustainable growth of the organisation. We also focus on recognising employees who have been with us for over 25 years and are dedicated to providing services. We organise the Long Service Award ceremony to boost and encourage our employees for their long and dedicated service.

We conduct a CEO award ceremony where eligible team members are recognised for their efforts. The V-Excel top performers award comprises three levers: performance, anchoring and care. Every year, the best performers are awarded a trophy and certificate by the senior management.

Awards and recognitions to drive us forward sustainably

BALCO received several accolades during FY23. We were also acknowledged in a variety of categories. Our wins this year will pave the way ahead of us with a strong team of committed, skilled and enthusiastic individuals.

- Happiest Workplace Award
- Great place to work(GPTW) award
- Kincentric Best Employer Award
- International Titan Award
- WE Global Choices Award
- Great Managers Award

Ensuring employee health and safety

We have strengthened our initiatives to ensure our employees' holistic well-being. In order to reduce the incidence of health concerns among our staff, we organise regular fitness and yoga programmes. We also host mental health workshops and self-care sessions to help people cope with stress and anxiety.

Some of the initiatives implemented by BALCO towards enhancing physical, mental and social wellness in FY23 include:

Self-care session

On World Heart Day, BALCO conducted a self-care session for all employees, with Mr. Ashish Agarwal leading the session. It aimed at raising awareness among employees regarding cardiovascular diseases, stress management techniques, the significance of a healthy sleep schedule and its effects on the biological sleep clock (Circadian Rhythm), as well as work-life balance and well-being.

Session on prioritising mental health at workplace

Following the pandemic, mental health concerns have been on the rise. Considering that, BALCO conducted a wellness session for its employees on the topic 'Healthy Minds, Healthy Lives: Prioritising Mental Health at Workplace' headed by Dr. Venu Gopal Margekar, MD, Medicine. Raising awareness of mental health concerns and the importance of making mental health a priority in daily life were the major objectives of this session.

World Health Day

On the occasion of World Health Day, BALCO launched a #10MinExercise campaign at the workplace to promote heart wellness among its team members and empower them to raise awareness among their friends and family. The initiative was launched for all O&M and enabling functions and covered over 500 employees.

A blood donation camp was organised by BALCO on World Health Day as part of promoting a healthy lifestyle among its stakeholders. Along with BALCO's personnel, the senior management also actively participated in the event.

WE - Care

As part of this initiative, various sessions and workshops on mental health, hygiene and physical health were conducted for female employees.

Sakhi - The Women Wellness Session

During International Women's Day 2023, BALCO organised Sakhi – The Women Wellness Session covering 500 women employees of BALCO including executives, workmen and contract workers to promote health and well-being of female employees and empower them to raise awareness among their friends and family.

Provided Booster dose to our people

The pandemic has been challenging and we consider the health and well-being of our employees to be our responsibility. We are still following the process of regular vaccination for our employees and their family members. During FY23, we conducted vaccination drives for our people and provided them with the COVID-19 booster dose vaccine.

Occupational Health and Safety

We at BALCO have enhanced our occupational health and safety initiatives during FY 2023 and are now more focused on ensuring consistent care for our employees by protecting them from all potential occupational hazards. Moreover, we organise regular health check-ups to closely monitor the health of our people.

We have done workplace Hygiene monitoring through competent party (both qualitative & quantitative) and framed action plan for reducing red zones at site. In order to track occupational health of our employees we have initiated Care Wings at each SBUs where doctors are made available on scheduled basis for diagnosing and monitoring the overall wellness of employees and business partners.

ISO 45001:2018

Certified for Occupational Health and Safety Management

The major initiatives undertaken towards occupational health and safety during FY 2023 are-

Occupational health

- A red zone survey was conducted by a third-party, where they analysed all the quantitative and qualitative aspects of those areas that were exposed to OH hazards such as heat, noise, dust, vibration and EMF ergonomics, as well as those that exceeded the permissible limits were analysed.
- We have digitalised our Periodic Medical Examination system for employees. The online portal helps in reserving slots and tracking compliance area-wise.
- We have conducted skeletal fluorosis tests for our 118 employees who are engaged in potline activities.
- We have arranged eye camps for our drivers and employees involved in crane and lifting activities, along with complete health check-ups for our logistics drivers.
- Occupational health related training programs were organised for employees and business partner employees and a total of 2899 employees have benefitted.
- We also have the best-in-class advanced life support ambulances deployed in the occupational health care centres inside our manufacturing plants.
- In cases of suspicion, we have our drug testing kits and screening systems in place.
- Throughout the fiscal year, we arranged various wellness programmes on Yoga Day and Heart Day while focusing on female health and hygiene. Additionally, we organised an AIDS awareness programme for our employees, which was conducted by renowned doctors and professionals.

249,196 Man Hours

of HSES training done in FY23.

Occupational safety

Safety is a fundamental and strategic priority at BALCO, permeating all aspects of our operations and decision-making processes. BALCO is commited towards zero harm at workplace. Safety constitutes an essential and non-negotiable component of our business philosophy. We demonstrate unwavering commitment to ensuring the safety and well-being of our employees, business partners, and the communities we operate in. This year we didn't have any fatality across our site.

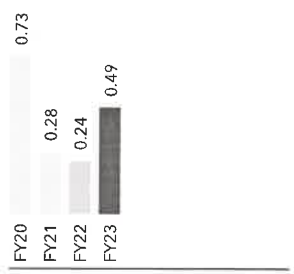
To reinforce our safety culture, our senior management actively engaged in interactive sessions with our shop floor employees. These sessions effectively communicated the concept of the "Right to refuse unsafe work," highlighting the utmost importance of employee safety. The primary objective of this initiative was to empower our employees to voice their concerns when confronted with hazardous working conditions.

In order to facilitate effective communication, we have established a dedicated safety helpline contact number exclusively for all of our employees including business partners. This helpline serves as a direct channel of communication through which employees can report safety concerns, incidents, or any observed unsafe work practices. It offers a readily accessible means for employees to raise issues related to safety.

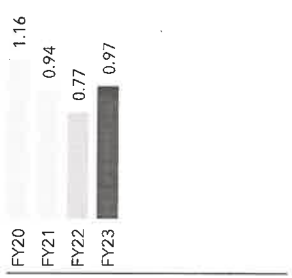
At BALCO, we firmly believe that safety is not merely a regulatory requirement but a fundamental value that underpins our operations. We are committed to fostering a safe and secure work environment, where our employees feel empowered to actively participate in promoting and maintaining safety standards.

Safety performance

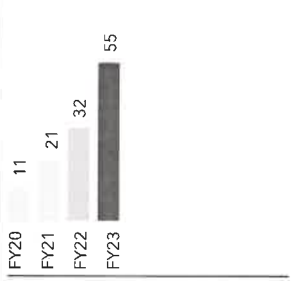
LTIFR



TRIFR



HIPO



Safety at BALCO

Project Sankalp, initiated by BALCO, has taken several measures to enhance safety culture and improve overall safety practices within the organisation for this we have engaged M/s. DuPont Sustainable solutions. We have governance team led by Senior Leadership for driving various modules of Safety culture building in which Sub-committees develops systems to be implemented and BU implementation committees track implementation at sites.

We organize a monthly safety gathering called Suraksha Sankalp which is scheduled on the first day of every month. Every month has a defined safety theme and various focussed drives are being conducted based on the monthly theme. The Suraksha Sankalp gathering provides a platform for management and employees to discuss safety-related topics, share updates, and reinforce the commitment to safety. It serves as a regular forum to address safety concerns and provide necessary guidance.

We have implemented SAP Based safety permit system which has provided ease to users through digital media and better record keeping.

We have introduced a digital signage system across its facilities. These digital signages displayed important safety messages, reminders, and guidelines to create awareness among employees. This visual communication medium helped reinforce safety practices and keep employees informed.

90 Days Transformation journey completed for standardizing machine guarding across BALCO.

3rd Party Safety Audit as per IS 14489:2018 conducted.

Suraksha Samvaad- BALCO senior management along with business senior management interacted with all shop floor employees to empower them for "Right to refuse unsafe work".

Kalinga Safety

Excellence Award- Silver Category -2022 for Metal Division

CII Platinum winner

for Digitalization in HSES

National Safety Week

We at BALCO have celebrated the 52nd National Safety Week with the aim of 'Zero Harm'. The celebration comprised of 16 different types of events at different locations involving over 6000 employees and business partners. The events involved dramas, quiz competitions, health check camps, safety drawing competition, short film, safety reels, workshops along with family connect and top management message on safety.

Dupont partnership

We at BALCO, have engaged DuPont, a renowned safety solutions provider, to assist in building a robust safety culture across the company through Project Sankalp. DuPont's expertise and experience in this field were leveraged to develop effective safety practices.

We have implemented a Critical Risk Management (CRM) based program in collaboration with DuPont Sustainable Solutions. This program focused on identifying critical risks within the organisation and developing strategies to mitigate them effectively. The CRM platform facilitated tracking, monitoring, and reporting of safety-related issues and their resolutions.

Amongst the Vedanta units, CRM was launched first in BALCO. Out of the 9 critical risks identified for BALCO, 5 have been successfully rolled:

1. Fall of Persons and Objects from Height
2. Vehicle Pedestrian interaction
3. Molten Metal
4. Entanglement in Moving and Rotating Equipment
5. Uncontrolled release of Energy

DSS consultants devote valuable time each month to various activities aimed at coaching our people in safety management. They also provide training sessions to both company employees and business partners, actively participate in safety reviews, and conduct incident investigations and CAPA (Corrective and Preventive Actions) reviews at each site. Additionally, DSS consultants have organised a Job Cycle Check workshop. Through this comprehensive approach, there has been a significant improvement in the engagement of both our employees and those of our business partners in safety management.

Road safety

- We have established Driver Management Centres to ensure proper management and monitoring of vehicle drivers. These centres were responsible for driver training, compliance with safety regulations, and promoting safe driving practices. They played a crucial role in enhancing road safety and reducing accidents involving BALCO vehicles.
- We have a traffic management plan and have vehicle specific checklist which gets audited regularly.
- We have installed GPS tracking devices in over 700 coal trucks as part of a vehicle monitoring system. This system enabled real-time monitoring of various parameters such as turnaround time (TAT), over-speeding, and route deviation. Central monitoring facilitated effective fleet management and improved safety measures.

BALCO is now operating with revised road safety measures introduced during FY23. Some of them include

- Implemented a centralised authorisation system for internal car drivers.
- Setting up Driver Management Centres at the coal and material gates.
- Trained 860 coal and ash truck drivers to ensure fewer accidents.
- 1091 toolbox sessions were conducted for drivers to ensure compliance with all health and safety protocols.
- Internal coal and ash trucks, as well as vehicles carrying finished products, were inspected regularly.
- Regular health camps were arranged for 230 internal drivers.
- Quarterly fitness checks were organised for the drivers.
- A third party was involved to inspect and improve the vehicle and driving standards, along with continuous speed tracking.
- A unique programme, the Critical Risk Management Drive on 'Vehicle and Pedestrian Interaction Risk' was launched. 100% audit was conducted on the same according to the schedule.
- To prevent accidents, safety signs were installed in prominent locations, along with digital pedestrian signs installed in carbon and cast house areas.

Fire safety

Our fire safety is an ongoing process and a proactive approach to identifying and mitigating potential fire hazards is crucial to maintaining a safe working environment.

- Regular mock drills
- Fire safety trainings
- Fire safety audits across manufacturing plants
- Onsite and offsite emergency response plan for alerting authorities, evacuating personnel, providing medical assistance, and coordinating with external emergency services.
- Fire emergency vehicle
- Efficient, skilled and trained rescue team with best-in-class equipment
- Monthly SBU wise Fire Safety Score Card for effectiveness evaluation.

3104

Fire safety training man hours

Safety risk assessment

Safety risk assessments are conducted for all non-routine activities through JSEA (Job Safety & Environment Analysis), while HIRA (Hazard Identification and Risk Assessment) is performed for all activities. Additionally, area managers conduct scheduled critical task audits to ensure safety measures implementation.

Safety training

Employees and contractors receive safety trainings through different methods, including induction sessions and an annual refresher training. Specialised trainings are also conducted for high-risk jobs, and a specific program focuses on safe driving practices. Innovative approaches using AR, VR technologies are used to enhance the training experience. Virtual safety trainings help in stimulating real life environment so that the employees get a feel of the reality which ensures better implementation of the safety protocols on the field.

BALCO won Global Road Safety Award 2023

in Gold Category for road safety initiatives for FY23.

Sustainable Factory of the Year won

by Frost & Sullivan and TERI

Gold Rating at

7th Annual OHSSAI Awards 2022

in Sustainability Category

AatmaNirbhar Factory

Recognition Program (AFRP) Award by IRIM

1st

Aluminum industry to receive Greenco Rating from CII

Diamond Trophy

at National Awards for Manufacturing Competitiveness (NAMC) 2022

Objective

The objective of this project is to develop an improved suspension rescue system for individuals working at heights, ensuring their safety and minimising the risk of unconsciousness caused by prolonged hanging time.

Problem statement

The maximum safe hanging time is limited to 10 minutes before the risk of unconsciousness due to reduced blood flow to the upper body becomes a concern. This limitation poses a significant obstacle to efficient rescue operations and delays the overall working at heights (WAH) activity.

Solution mechanism

To overcome these limitations, the project has focused on designing and implementing an enhanced suspension rescue system. This system includes a shock-absorbing mechanism and a full-body harness without shock absorber, both of which will be readily available for emergencies. By integrating these features into the rescue system, we aim to extend the safe hanging time, reduce the risk of unconsciousness, and improve overall compliance with safety guidelines.

SOCIAL AND RELATIONSHIP CAPITAL

BALCO's endeavour is to make a positive change in the lives of those in our communities. As a responsible corporate citizen, we make sincere efforts to encourage community development. In addition, through BALCO CSR, we try to achieve our greater objective of creating sustainable value for all our clients and stakeholders.

Our success over the years is an outcome of the long-term relationships that we have built with our stakeholders. These enduring relationships with our people, clients, value chain partners and stakeholders form our social and relationship capital.

CSR vision

"To empower and support communities, especially neighbourhood communities, in achieving greater economic and social well-being."

CSR Philosophy

We are committed to the principles of sustainable development, protecting human life, health and environment; ensuring social well-being and bringing prosperity to the communities. We have a well-established history and commitment to reinvest in the social good of our neighbourhood and nation. We believe that as a socially responsible entity our programs are aligned to community needs, national priorities and the United Nation's Sustainable Development Goals.

Our Approach

BALCO CSR works towards a larger goal of creating enduring value for the communities it works in. Towards that end, we undertake various community programmes as part of our Corporate Social Responsibility (CSR) across various thematic areas i.e., Education, Sustainable Livelihoods, Health, Water & Sanitation, Women's Empowerment, Environment & Safety, Sports & Culture, and Community Asset Creation including community development. Our CSR projects are carried out in partnership with the Government, local communities, and various NGOs.

Transparency and accountability form the core of our corporate governance practices and are achieved through strong systems and processes that are regularly reviewed and revised as per our CSR policy. For evaluating our CSR efforts, a third-party needs and impact assessment is being conducted once every three years to chart the roadmap for community interventions and mid-course corrections, apart from regular monitoring mechanisms. During the year, the said assessment was conducted for our projects Mor Jal Mor Maati, Vedanta Skill School, Unnati, Nayi Kiran, Arogya, Mobile Health Van, Balco Medical Centre and Connect by KPMG Assurance and Consulting Services LLP, some of the highlights are as follows:

Sustainable Livelihoods

Mor Jal Mor Maati

Multidimensional change in Farmer's lives

- 78% with high yield and enhanced income, 21% felt reduction in input costs.
- 50% have adopted scientific and sustainable agricultural practice.
- 37% reported an enhanced food security indicating a positive trend considering the multidimensional poverty index of Chhattisgarh.
- 29% perceived, reduction in outward migration. Ample opportunities for livelihood under project.

Vedanta Skill School

Enhanced Employability & Social Strengthening

- 68% of the trainees retained their jobs.
- 48% reported an increase in confidence and self-esteem.

Women's empowerment

Unnati

Robust development

- 67% believes that the impact of project interventions has helped them in improved decision making.

Health

Nayi Kiran

Change in menstrual practice 67% women in Korba have been using sanitary napkins.

Arogya

Access to Healthcare Services through Rural Health Posts

- 69% are accessing heath care services twice a month.

Enhanced Maternal and Child Heath

- 77% perceives that there has been an improvement in access to supplements for children and pregnant women in the household.
- 69% believe that the project interventions have increased their families access to institutional delivery.

Improved awareness and Accessibility

- 65% of beneficiaries believe that there has been an increase in awareness and around 91% of the beneficiaries reported an improved access to and timely availability of healthcare services.

Mobile Health Van

Improved access

- 91% of the respondents said that the Mobile Health vans have improved access and timely availability to healthcare services.

Easy availability of medicines

- 69% of respondents pointed out that availability of medicines has increased.

Increase in health visits

- 62% of respondents said that the frequency of visits for healthcare services has also become more regular.

BALCO Medical Centre

Expanded reach

- Increased footprint in the area of cancer screening and early detection. 70% patients are Ayushman Bharat scheme beneficiaries.

Education

Connect

Improving learning environment

Around 64% have access to digital literacy skills and were using tools for the same.

Greater commitment to ensure community health

BALCO has always encouraged a 'people first' approach. We consider it our responsibility to fulfil the healthcare needs of the people and the communities, in the regions where we operate. To this end, we have initiated various programmes that involve raising awareness, organising regular check-ups, conducting training sessions and providing primary health care services.

Project Arogya

Project Arogya is a comprehensive health initiative that aims to deliver quality primary healthcare services through Rural Health Posts, raise HIV awareness and place a special emphasis on enhancing Maternal & Child Health, particularly targeting Malnutrition.

30,000+
Lives touched

3600+
Benefitted through 3 Rural Health Posts

3000+
Mothers received training on caregiving practices

20,000+
People sensitised to HIV

Rural Health Posts

Primary health care is being offered through Rural Health Posts (RHPs), which are operational in three locations:

- Chuiya
- Parsabhata
- Chotia

These centres offer effective treatment and general testing services to the neighbouring communities. More than 3600 people availed themselves of services through these Rural Health Posts. Additionally, in collaboration with the District Health Department under the Mukhya Mantri Haat Bazar Swasthya Yojana, we organised 25 health camps in remote villages, providing accessible healthcare services to over 800 beneficiaries.

Maternal and Child Health

We consistently endeavour to create value for society. As part of this effort, we strive hard to enrich the lives of children and mothers in our communities. Through our initiatives, we spread awareness about nutrition and encourage community participation to address the challenges of malnutrition.

To reduce childhood malnourishment, we first assessed the health status of 1564 children aged zero to five years through health screenings in 39 Anganwadi across 32 areas. Following identification, we conducted 25 Positive Deviance (PD) Hearth sessions covering 430 malnourished children. PD Health is a behaviour modification program that is used to rehabilitate underweight and wasted children without medical complications, sustain their rehabilitation and prevent future malnutrition. Children with critical malnourishment status, were then referred to NRCs (Nutritional Rehabilitation Centres) for a specialised intervention.

Additionally, we trained 600+ mothers on Take Home Ration (THR) recipes and created 150 nutrition gardens in Anganwadi centres and households of pregnant and lactating mothers to boost nutrition levels and promote a healthy diet.

The PD Hearth sessions and NRC treatments have successfully improved the health of these children; 63% of the identified children have moved out of the Severe Acute Malnourishment (SAM) and Moderate Acute Malnourishment (MAM) categories

HIV Awareness and Counselling

BALCO is committed to raising HIV awareness , reached out to 20,000+ people generating awareness on HIV amongst high-risk behaviour groups like Truckers and migrant workers through canopy camps, counselling sessions. Also, conducted weeklong mass awareness HIV campaign on World AIDS Day.

Mobile Health Van (MHV)

BALCO provides doorstep healthcare by making primary healthcare accessible through the Mobile Health Van (MHV). It aims to reach remote areas and cater to those who find it difficult to afford medical services. The Mobile Health Van bridges the gap and ensures the timely availability of essential healthcare services at these locations.

14000+
People benefitted from the healthcare services of MHV

6
Multi-speciality Mega Health Camps were organised

Doorstep Service: Our healthcare services, including free consultations, medicines, rapid tests, and home visits for elderly people, were availed by 14000+ people. On a fortnightly basis, the Mobile Health Van reached the untapped corners and localities in different villages and helped patients, especially the elderly, who were unable to travel to fulfil their medical needs.

Multispeciality Mega Health Camp: At BALCO, We organised six Multispeciality Mega health camps that offered healthcare services pertaining to Orthopaedics, Dental, ENT, Paediatrics, Gynaecology, Physiotherapy and Blood Sugar, among others, benefitting more than 1700 people. Additionally, we organised 22 awareness camps, sensitising people to vaccination and other matters concerning health and hygiene.

Special consultation services by Gynaecologists through the 'Health Chaupal' on a bi-monthly basis launched this year are a leap towards ensuring good reproductive health in our communities; 176 women and adolescent girls benefited from our efforts.

Nayi Kiran

The project focuses on demystifying menstrual myths and taboos, developing sustainable hygiene practices during menstruation and raising awareness about product choices through Menstrual Health Management (MHM) capacity building to ensure safe reproductive health.

Sensitisation across communities

By educating people about menstrual health through awareness generation capacity building initiatives, we have sensitised over 48,000 Women, Men, Adolescent Girls and Boys. In addition to this, we have also expanded our roots across 5 blocks of Korba district, viz Korba, Podi Uproda, Kartala, Pali and Katghora.

Created MHM leaders

To bring about sustained behavioural change, we capacitated 400+ adolescent girls, boys, SHG women and frontline health workers (Anganwadi and ASHA workers) on Menstrual Health Management as 'Master trainers'- Torchbearers cum Leaders of change in the community. Trained Local Health Workers across the district are taking the message to the grassroots and are sensitising over 2500+ Adolescents on MHM. We have created 100 adolescent girls' and boys' groups, with an association of over 1500 adolescents. In addition, 15 adolescent girls and boys from these groups were trained on Nukkad Natak to spread the word, they are sensitising over 6500 community members.

MHM awareness in schools

Awareness sessions on MHM are also conducted in 50% of the government secondary and higher secondary schools in the Korba block to improve experiences of menarche, address frequent absenteeism and dropout, promote gender equality and delegate information regarding safe menstrual practices. Over 9000 adolescents were sensitised in 20 government schools in the Korba block.

To promote inclusivity in our communities, we have also conducted the first-ever awareness and sensitisation session on Menstrual Health Management (MHM) with Specially abled students in Korba.

A step towards sustainability

We have spread awareness about sustainable, hygienic menstrual health practices and the available menstrual health product choices. As a step to ensure the availability of sustainable and affordable menstrual hygiene solutions, we initiated a pilot on reusable cloth pads as 'Stitch My Own Pad Campaign' by training 30 women and adolescents.

Community leads MHM

The community leads the discussion on menstruation by organising MHM talks in Gram Sabhas. The five MHM Gram Sabhas held so far are a testimony to the change created in the communities. We established four Swastha Suvidha Kendras (SSK centres) as one-stop solution centres for MHM.

Our impact

48000+
community members sensitised

400+
MHM leaders created

100
MHM adolescent girls and boys groups

100%
AWWs across operational areas trained on MHM

50%
Govt secondary & Higher schools of Korba block sensitized

BALCO Medical Centre (BMC)

BALCO Medical Centre envisions a society where people are free from the menace of cancer. The BALCO Medical Centre (BMC), a 170-bed tertiary oncology facility, is a flagship initiative of the Vedanta Medical Research Foundation (VMRF). We aim to bring ultra-modern, multimodal diagnostic and therapeutic facilities within easy reach of India's population at a reasonable and affordable cost. It is located in Naya Raipur, Chhattisgarh and caters to patients from various regions. During the year, over 10,000 people availed healthcare services.

Moreover, another modern piece of equipment, the LINAC-HALCYON Radiotherapy machine for curative treatments, was also installed in the hospital. FSRT (Fractionated Stereotactic Radiotherapy) for solitary brain metastasis is done in the radiotherapy department. It also achieved successful breast reconstruction by maintaning the shape and symmetry through flaps instead of implants. This is enabling the hospital to serve a larger number of people and enables the company to make quality cancer care more accessible to the public.

First ever in Chhattisgarh: Procedures performed in NM-Trodat Brain Scan, Muga Scan, GA-68-FAPI, mIBG-131-Therapy, 177 Lu DOTA, 177 Lu EDTMP and Physical Stress Myocardial Perfusion Scan.

10000+
People benefitted from healthcare services

BALCO Medical Charitable Fund

A fund of ₹ 2,31,522 has been allocated for 17 patients to the community-initiated BALCO Medical Charitable Fund for diagnosis and treatment of uninsured patients.

Health screenings and camps

We have also served in remote regions through camps, health talks, a mammography van, and diagnostic services, going above and beyond. Around 60 NRDA housekeeping personnel were screened for cervical and breast cancer prevalence using the following methods: doctor consultation, pap smear, USG breast and mammography. Nine health camps were held in Nandghars for the prevention, awareness, and diagnosis of 652 women, while six health talks were addressed to 533 people. Over 1295 individuals received assistance through 27 camps hosted in Chhattisgarh, Odisha and Madhya Pradesh.

Capacitating frontline workers

In collaboration with ICDS, we additionally trained more than 50 frontline workers from the Ambuja Foundation, SAKHI and state government Anganwadi workers and health workers (Mitanins) to raise awareness in villages and offer door-to-door services.

Sustainable livelihoods

Mor Jal Mor Maati

The project focuses on improving surface water management by employing existing resources, augmenting irrigation facilities, equipping farmers with the innovative farming techniques, and promoting multi-cropping to reduce the dependence on rainfall. It is also bringing farmers into the fold of Fishery, Goatry and Poultry, ensuring income generation throughout the year. The programme also institutionalises farming practises through the development of a business model through the Farmer Producer Organisation (FPO), Korba Krushak Unnayan Producer Company Limited (KKUPCL).

Our impact

2400+ farmers benefited	1 2-1.4X increase in production with SRI
32 villages and 1000+ acres of land under secured irrigation	30%- 60% average increase in income, 60% reduction in cost of cultivation with SRI
41 water structures created with a cumulative capacity of 25,000+ CuM	Input and output businesses established by the Farmer Producer Organisation (FPO)

Sustainable Agriculture practices

We identified farmers based on farm livelihood activities and then extended targeted support through capacity building, training, and initial input support in the form of seeds, manure, fencing, soil testing and periodic technical monitoring in the field.

- **Modern farming practices:** 800 farmers were trained in modern cropping methods. As a result, 70% of the total benefitted farmers adopted the latest agriculture techniques such as Systematic Rice Intensification (SRI), Trellis and Organic farming and so on. SRI helped farmers get 1.2-1.4 times increase in production, which led to an average increase in income of 30-60% and a 60% reduction in the cost of cultivation.
- **Climate resilient cropping:** We assisted 540 farmers with climate resilient cropping including Kodo and Ragi (Minor Millets), groundnuts, scented rice leading to 16% production increase. It is an innovation introduced in the regional landscape to reduce the dependency of farmers on rainfall and promote climate resilient farming.
- **Multi-cropping:** By boosting the water availability for irrigation, extending technical assistance and initial inputs, 449 farmers have begun harvesting the second crop in the rabi season, such as wheat, groundnuts, mustard, vegetables and so on.
- **Horticulture:** The wadi concept has been promoted in the waste lands of the project area to provide the farmers with a long-term agriculture investment. A total of seven wadis have been developed.
- **Lac cultivation:** Lac cultivation training and seed assistance have been offered to 330 farmers. This intervention has provided a platform for willing farmers to generate extra income.

Livelihood diversification with animal husbandry

We assisted 105 farmers in Goatry, Poultry and Fishery, resulting in greater income for marginal and landless farmers. Technical training and initial inputs such as chicks for Poultry, Goatry units (1 male and 4 female goats) for raising goats and fish seeds for fish farming are provided. Continued surveillance and assistance to construct their own Goatry and Poultry setup aided the farmers in diversifying their agricultural practices and raising their average income by ₹ 7,000.

Enhancing water security

- **Water harvesting structures** - We have built 21 water harvesting structures (farm and community ponds) and dug 20 wells with a capacity of 25000+ cubic metres. It has substantially improved water security and recharge while also facilitating multiple cropping in the region.
- **Soil bunding** - Nearly 200 farmers benefitted from the initiation of soil bunding. These bunds will also assist in increasing the water holding capacity of the fields during the kharif season, which bolsters soil moisture retention for the rabi season.
- **Drinking water system** - Drinking water facilities have been established at four locations through the installation of solar-powered pumps, which have benefitted over 240 families. The facilities have enhanced the availability of drinking water in these areas, which had been facing a scarcity of drinking water.

BHARAT ALUMINIUM CO. LTD. ★ KORBA ★ balco

Institutionalising farming practices

With over 800 members, the Farmer Producer Organisation (FPO) has begun input and output businesses, paving the way for sustenance and sustainable farming. The organisation was founded with the goal of assisting its farmer members through collective bargaining and economies of scale. The FPO-run Vedanta Agriculture Resource Centre (VARC) is a one-stop solution for all technical farming needs. During FY 2023, at VARC we introduced zero-energy cooling chambers for storing vegetables without refrigerators, as well as Azola, a unit for fish and goat feed.

Convergences

At BALCO, we have been successful in raising a total of ₹ 1.42 crore through various government schemes, including the Pradhan Mantri Krishi Sinchayee Yojana, the Rashtriya Krishi Vikas Yojana and the Chhattisgarh State Saur Sujla Scheme. We have also raised a sum of INR 1.41 crore through community contributions in activities such as the construction of farm ponds, digging wells, building Poultry and Goatry sheds, soil bunding, SRI and irrigation equipment, and so on.

Vedanta Skill School

To sustain its growth momentum, India's burgeoning economy requires a massive workforce, especially in rural India. In response we, at BALCO, in collaboration with the Social Empowerment and Economic Development Society, established three Vedanta Skill Schools in the Korba, Surguja and Kawardha regions of Chhattisgarh. We seek to impart free vocational training to rural youth, dropouts and the unemployed population, with a special focus on our operational areas and to match them with employment opportunities.

1007
Youth trained at 3 skilling centres, 59% females

76%
Youth placed and self-employed

18
Reputed organisations across 8 states

The Vedanta Skill School in Korba is the only skilling centre in Chhattisgarh to receive a five-star rating from the Skill Management and Accreditation of Training Centres (SMART) programme by the National Skill Development Co-operation (NSDC) under the Ministry of Skill Development and Employment of the Government of India and SSC (Sector Skill Council).

Youths trained and placed

1007 youths have been trained in trades viz. sewing machine operator, welder, fitter, hospitality and electrical, across three centres. 76% of the young people were placed in eight states in 18 reputed organisations, earning an average CTC of ₹ 12,000 to 18,000 every month.

Convergences

15 out of 28 batches were trained in convergence with government schemes, partnerships and private sponsorships through various schemes such as the Pradhan Mantri Kaushal Vikas Yojana (PMKVY), the Mukhya Mantri Kaushal Vikas Yojna (MMKVY), the National Bank for Agriculture and Rural Development (NABARD), the Skill India Impact Bond (SIIB), Generation India, the CSSDA (Chhattisgarh State Skill Development Authority), and so on.

Life skills development

Value-added lessons and modules on diverse topics, such as communication, computer skills, yoga, personality development, menstrual hygiene, legal rights, workplace ethics, time management and more, were offered. Mandatory fire and road safety training sessions were conducted to promote zero harm in the community (a total of 24 batches have been trained). We also celebrated World Youth Skill Day with a three-day celebration, including trade-specific competitions and Olympiads to encourage the healthy competitive spirit of students.

Empowering women for the holistic development of communities

To promote sustainability and foster the overall development of the community, BALCO is largely focusing on the upliftment of women, which will drive economic growth as well as enhance the quality of life. Women are encouraged to run grass-roots institutions for their socio-economic development.

Engaging self-help groups (SHGs)

Self-help groups (SHGs) play an important role in women's empowerment. We established 44 new SHGs (self-help groups), bringing the total to 504 SHGs with 5389 female members. Through regular meetings, bank linkages and linking them to government schemes, we are strengthening these 504 SHGs while offering numerous entrepreneurial prospects.

Strengthening SHGs with financial literacy

SHGs are being strengthened to empower women at financial, legal and socioeconomic levels through multiple rounds of capacity-building trainings on SHG functioning, financial and entrepreneurial development and legal rights training. So far, 425 SHGs have been trained on financial literacy and Financial Inclusion of 150 SHGs has been done. SHGs are being strengthened to empower women at various financial, legal, and socio-economic capacities.

Promotion of entrepreneurship through microenterprises

We established seven micro-enterprise units with a total of 12 products, including mural art, gonkra folk art, clay idols, Chattisa (a local cuisine), mushrooms and paper bags. Over 800 Women have been trained under these Micro Enterprises.

Showcasing and exhibitions

SHG women participated in a variety of forums, including national and international exhibitions such as 'The Art Fair,' the International Aluminium Conference in Jharsuguda and the Pali Mahotsav in Korba, where they displayed and sold products made by them.

Social and Relationship Capital

SHGs are going green

SHGs are engaged in creating eco-friendly products, such as the SHG group that developed eco-friendly Ganesh idols for Ganesh Chaturthi. These idols were precisely constructed from the soil from the Narmada River and the water from the Ganga, bringing sanctity to art. Other products made as part of our microenterprises included paper bags, cloth masks, oxy-degradable sanitary napkins, herbal gulals and so on.

Celebrated Unnati Utsav

On International Women's Day, the 'Unnati Utsav' was zestfully celebrated with 500+ community women, adolescent girls, and employees on the theme '#Embrace Equity'. Women participated in several community engagement and team-building activities, which united them all in a common aim of empowerment. Women also demonstrated their entrepreneurial skills by establishing food stalls with the message of empowerment being spread through art and cultural performances.13 zealous community members were recognised and felicitated who had contributed immensely to the development of the community in the areas of entrepreneurship, social change and community leadership for the benefit of all.

Project Unnati

500+
Self-help groups strengthened

5389
Women empowered

1800+
Women economically engaged

7
Microenterprise units established

Imparting quality education for a better tomorrow

The right to quality education is at the heart of our education programme. We are committed to providing quality education to children and improving their learning outcomes. By making quality education accessible we focus on the learning outcomes of children.

Project Connect

The project focuses on improving the learning environment in nearby government schools by creating an enabling learning environment with a focus on improving students' grades, building teachers' capacity and providing career counselling on subjects such as Science, English, Mathematics and Accountancy (SEMA) in government schools for 9th to 12th grade.

2500
Students benefitting in 6 government schools

Academic assistance

We extended our support through regular classes to more than 2000 students in six government schools and organised remedial classes at three resource centres on SEMA (Science, English, Mathematics and Accountancy) subjects for grades 9th to 12th. Our instructors conducted 4300+ regular classes extensively, working on the holistic development of students regularly. Additionally, over 2000 remedial classes to offer direct support to 150+ students from different communities on SEMA subjects were conducted along with doubt-solving sessions on a daily basis.

Career counselling sessions

A total of eight career counselling sessions were conducted with a special focus on 10th and 12th grade students at the intervention school to guide them towards making informed academic and career-oriented decisions.

Capacity-building for teachers

To build a more conducive environment, a two-day capacity-building training was organised for 17 teachers in six government schools. The teachers received training on innovative ways and methods of teaching such as 'experiential learning', working on multilingualism, leveraging the power of language and creating a platform for sharing ideas to enhance teaching pedagogy and practical-based models.

Science exhibition

With the objective of instilling learning through problem-solving skills, critical and innovative thinking and practical model-based learning in the students, a Science exhibition was organised. More than 150 students from grades 9th to 12th from six government schools participated and presented 17 science models.

Summer and winter camps

We organised a summer camp in two centres, covering 250+ students from the 10th standard of five government schools. Activities included art and craft, dance, music, calligraphy, spoken English, Vedic Mathematics, pottery, yoga, aerobics and model-based STEM learning.

A winter camp was also organised for students in grades 10th and 12th to gear their preparations for board examinations and career counselling sessions. A total of 268 students from six schools participated and strengthened their preparation by focusing on practice-based learning through daily worksheets and government model papers on SEMA (Science, English, Mathematics, Accountancy) subjects.

Strengthening infrastructure to support communities

Community assets creation

Infrastructure development in communities provides an opportunity to improve people's quality of life. Our intervention intends to bridge infrastructural gaps in the communities' socio-economic development by upgrading existing facilities. This year's efforts included the renovation of community stages and schools, the construction of borewells, the installation of solar pumps for drinking water availability and road construction, which cumulatively benefited over 7700 community members.

Safety

Promoting safety in communities

Around 52 safety trainings on road, fire and home safety were organised, reaching out to more than 1000 community members, school children and students at the Vedanta Skill Schools.

Created master trainers on safety

We trained 16 master trainers from our partner team on safety with the objective of fostering a zero-harm culture in the communities where we operate. As a result of our initiatives, these master trainers are now conducting additional sessions on safety in the communities.

Installation of safety signage

29 traffic signs have been placed from Bajrang Chowk to Ambedkar Stadium as part of the team's ongoing efforts to enhance road safety for both drivers and pedestrians. The road safety-related signs have been put up in various, strategic places to raise awareness among drivers and walkers alike.

Employee volunteering

At BALCO, the socio-economic development of our communities is of paramount importance. We are dedicated to empowering our local communities and establishing a connect between community members and employees to build a relationship based on 'trust'. Our employee engagement initiatives help us build enduring relationships with our communities. During the year, 500+ employees volunteered and contributed over 160+ manhours:

Mentoring - Around 30 employees volunteered under the project Connect for conducting remedial classes on Science, English, Mathematics and Accountancy in evening resource centres and becoming 'Science Mitras' to mentor 150+ students from government schools to make science models for science exhibition.

Wish Tree initiative - To celebrate the Christmas and New Year spirit, 253 employees volunteered to fulfil 400+ wishes collected from children in distant villages and schools for the specially abled.

Value-added modules - So far, 22 employees offered soft skills trainings to Vedanta Skill School students on topics such as communication, 5S and workplace management, team building, Microsoft PowerPoint and so on. Other projects, such as Har Kadam Hum Sath, also provided mentoring and assistance to MHM adolescent groups.

Blood donation drive - Around 224 employees volunteered for a noble cause by participating in the blood donation drive. The effort was recognised by the Chhattisgarh Government for the highest single-day blood donations in the district.

Let's Do Ropai - A total of 35 employees joined hands alongside farmers for sowing paddy seeds during the farming season in neighbouring villages under the Mor Jal Mor Maati project. The effort deepened their commitment to 'No Food Wastage'.

Rejuvenation drive- Employees on Biodiversity week led the way for community pond restoration and on World Water Day participated in check dam de-siltation drive with community volunteers for enhancing the water holding capacity leading to better irrigation of crops for nearby farmers.

Valuing our stakeholders

Supply chain partners

We believe in nurturing enduring relationships with our supply partners. To accomplish this, we finalise three to five years of end-to-end KPI-linked contracts with the right management in place to enhance the output reliability of our plants. In terms of MRO procurement, the purpose is to secure a vendor with an annual rate contract driven by need-based delivery orders. This safeguards us against a sudden spike in raw material prices. This has also led to fewer transactions, which is in line with our collective objective of optimising our transactions with business partners and commercial transactions.

We are proactively engaging with our local supply partners to support local procurement processes.

80%

Of the service contracts are sourced locally

By supporting local businesses, we have reduced transportation expenses and the environmental footprint for both ourselves and our supply chain partners. Lowering transport costs has a direct impact as it not only minimises the environmental impact but is also economically advantageous.

Integration of ESG into the supply chain

Aiming towards increasing local procurement	Focusing on reducing and recycling the packing materials that are involved in our supply chain	Engaging with environmentally responsible suppliers – Our major raw material suppliers adhere to ISO 14001. We are also conducting periodic visits to their workplace for further evaluation
Developing and training the workforce on the sourcing of green products and services	Promoting 'Green' considerations to play a more prominent role in evaluation criteria, performance reviews, and prior performance assessments	
	Increasing the load ability in transportation to reduce carbon emissions	Making it a necessity for our service vendors to comply with the sustainability requirements according to SSL guidelines.

Customers

We have an integrated team at BALCO that is dedicated to ensuring the highest level of customer satisfaction by addressing all client complaints as soon as they occur. For this, we have also developed a digital platform where customers can lodge their complaints without any hazards or complications. From that portal, the trigger email is circulated to the appropriate team, which investigates the root cause of the concern and takes the necessary actions to resolve the concerns as soon as possible.

Moreover, we focus on delivering premium-quality products to our customers. With our expansive distribution network, we offer the fastest delivery possible by installing a system of GPS tracking in all our vehicles to prevent transit damage and delivery delays. We frequently interact with our customers, both physically and virtually, to ensure that their demands are met. We have a high client retention rate, which is achieved through regular client feedback and immediate action to improve the feedback.

Community

At BALCO, we are cognizant of the fact that it is our fundamental responsibility to implement well-thought-out and targeted initiatives regularly to address community grievances, especially those pertaining to our operations. We have a robust grievance redressal cell that is centred on the values of transparency, fairness, openness, accessibility, and cultural appropriateness. This mechanism helps us understand how people are reacting to our operations. To further enhance this mechanism, we have Community Liasion Officer at each unit along with Social Performance Steering Committees to address these concerns.

Members of the communities can voice their concerns over the phone, in person with relevant individuals, or in writing. This is followed by a robust and continuous feedback and feed-forward system for programme improvement through participation in village-level meetings. Members of the communities can register their opinions, ideas, concerns, and requests at the grievance cell.

BHARAT ALUMINIUM CO. LTD. ★ KORBA ★ balco

Impacting Lives

The story of Sarita Kanwar, a farmer

Sarita Kanwar, a 24-year-old young farmer, is transforming the face of agriculture in Bhulsidhi, a small village inhabited by native tribes, by using modern agricultural practices. Sarita's family has been farming in traditional and pragmatic ways for many years. The situation deteriorated as the climate took its toll, with recurrent low rainfalls in the region causing farmers to lose their livelihoods throughout the course of the year. The social construct that kept communities unaware of women's contributions to farming, commonly referred to as 'disguised labour,' was not acceptable to Sarita. In her quest to transform her future and be recognised and respected as a 'Farmer,' she became a modern farming role model in her village, Bhulsidhi.

BALCO, through its project Mor Jal Mor Maati, trained her on modern agricultural practices of rice cultivation such as SRI (Systematic Rice Intensification Technique). The farmers had already tasted crop failure due to poor rainfall twice in the same season and were no longer willing to take the risk of changing their long-trusted farming practices. Sarita stepped forward to be the change; she decided to follow the modern practice of SRI in place of the traditional broadcasting method of sowing seeds. Change was neither easy nor acceptable to her in-laws; they often fought with her and showed no support. Her family had already warned her, 'If this technique fails, you might have to work as a labourer to bear the losses.' Sarita's fears were soon converted to trust as BALCO stood by the best of agricultural practices.

When it was time to reap her production, Sarita was not sure of her family would uphold her decision and accept that she could lead the farm. Her production rose from 11 quintals to 14 quintals and the family was astounded. The risk had finally paid off for Sarita. Her family accepted and applauded her decision. As word of her success spread in Bhulsidhi and back home at Raigarh, Sarita became a role model for all female farmers. With support from BALCO, she now replicates modern agricultural practices, starting with her family and spreading to the entire village. Her journey from being disguised as a labourer on the farms to being a shining female farmer has transformed the lives of many farmers in Bhulsidhi today.

The story of Preeti Mahant: changing lives through skill development

21-year-old Preeti Mahant belongs to a small family of four, with her father being a farmer and her mother a daily wage labourer. Preeti's life was still going well until her family was confronted with unforeseen challenges. Her brother developed epilepsy and her father soon became paralysed. Preeti's life had taken a tragic turn and her family's survival now depended on her. Preeti has a never say die spirit. As BALCO held her hand, she finished her training in the 'Food and beverages' trade at Vedanta Skill School and was placed at Aaranyam Restaurant in Raipur. She is now earning INR 12,000 monthly in CTC. She supports her family and takes care of all their needs. Despite the challenges, she never gave up; she continued to work diligently for her family. Vedanta Skill School is assisting many young people like Preeti in building their futures while sustaining innumerable families. Preeti today stands to be a prime example of empowerment.

The story of Kunal Farrey: a journey towards a healthy future

Kunal was identified as a SAM (Severe Acute Malnutrition) child and his weight was reported as 8.7 kg in May 2022 during the health screenings conducted under project Arogya. Kunal's mother, Mamta had sought extensive medical treatment; however, his condition did not improve. She switched doctors, but nothing seemed to work for the child's health.

BALCO, through its initiative Arogya, counselled her and her family on how to enhance their caring and cooking practices. Initially, she was supported through kitchen garden to ensure that nutritional food was available and offered to the child. Mamta was encouraged to participate in THR training she learned multiple nutritious recipes made from THR that could help improve her child's health. She had never used the THR in the manner in which she had learned during the THR training session. Kunal, her kid, loves eating laddu, protein powder and other THR-based meals. Kunal's health improved as a result of this shift in eating habits. He transitioned from SAM to MAM (8.7 kg to 9.3 kg) in July. Regular home visits and team support also ensured that appropriate health habits were adopted and implemented consistently.

Mamta enrolled her child for the PDH session in September. Kunal gained another 600 grams during the 12-day session. (Day 1: 10.2 to 10.8 kg). Mamta's ability to adopt positive childcare and feeding practises was ensured during post-PDH follow-up visits. After 45 days of PDH, the child has reached the standard stage and continues to gain good health. The child is able to sustain the weight gain. Mamta uses THR and PDH recipes to provide constant care for her child; they are now common in her kitchen. Mamta is grateful to the project team for helping her bring about a positive change in Kunal's health. Mamta is now actively sharing her knowledge with other parents in the neighbourhood, and she has become a changemaker and an inspiration for fellow mothers in her community.

CSR Award & Accolades

- Socio Corp CSR Film Festival & Awards- Best Healthcare Excellence CSR Film - "Sarika Dendro ki Nayi Kiran"
- Appreciation Plaque by FICCI CSR Awards as "Socially Responsible Company" for Mor Jal Mor Maati Project
- 5th Edition ICC Social Impact Awards for 'Employment Enhancing Vocational Skills' for "Vedanta Skill School"
- SABERA in "Health, Nutrition & Wellbeing" for Community Health Initiatives
- Third India MHM Summit- Best CSR Initiative on MHM Award for Nayi Kiran Project
- Recognition by Chhattisgarh Govt for commendable work in HIV awareness & prevention.
- Mahatma Award-CSR Excellence
- Recognition by Chhattisgarh Govt for highest single day blood donations at District.

NATURAL CAPITAL

At BALCO, we are cognizant of the impact of our business on the environment. We are conscious of our ecological footprint and are working relentlessly to optimise the use of the natural resources, restrict emissions and encourage circular economy.

We have scaled up our efforts to reduce our carbon footprint by employing renewable energy in our operations, using water responsibly, effectively disposing of waste, and conserving biodiversity to create value sustainably.

ISO 14001
Certified

ISO 14064
Certified

ISO 50001:2011
Certified

Climate change commitments

As a Vedanta company, we have are committed to adapt and mitigate climate change.

Net Zero Carbon by 2050 or sooner.	Decarbonise 100% of our Light Motor Vehicle (LMV) fleet by 2030 and 75% of our mining fleet by 2035
Use 2.5 GW of Round-The-Clock RE and reduce absolute emissions by 25% by 2030 from 2021 baseline	Accelerate adoption of hydrogen as fuel and seek to diversify into H2 fuel or related businesses.
Aim to spend USD 5 billion over the next 10 years to accelerate transition to Net-Zero	Work with our long-term, tier 1 suppliers to submit their GHG reduction strategies by 2025 and align with our commitments by 2030.
Use 2.5 GW of Round-The-Clock RE and reduce absolute emissions by 25% by 2030 from 2021 baseline	Disclose our performance in alignment with TCFD requirements
No additional coal-based thermal power and coal- based power till end of power plants life.	Help communities adapt to the impacts of climate change through our social impact/CSR programmes

Net zero 2050 commitment

To combat climate change, we have moved away from traditional energy sources by using renewable energy in our operations. In FY2023, 546.29 MU of renewable energy was procured and we intend to grow our renewable energy procurement till 2030. This will significantly reduce our GHG emission.

We have also replaced heavy furnace oil in power plants and metal production regions with more eco-friendly fuels. We are also integrating biomass co-firing with coal, which decreases coal usage, thereby reducing greenhouse gas emissions.

We are under the trial phase to use bio-diesel in our production process to run our utility vehicles. The mobility of two-wheelers within the premises is also now limited, reducing Scope 3 emissions significantly.

Maintaining ambient air quality

- Electrostatic precipitators (ESP) with 99.9% efficiency have been deployed to manage emissions. Pollutant parameters are monitored on a regular basis, and frequent reports are sent to regulatory bodies.
- The smelters are fitted with fume treatment plant to ensure lowering of dust levels and keep the emissions within the permissible limits.
- Stacks of BALCO are fitted with a Continuous Emission Monitoring System and is connected with CPCB and State Pollution Control Board.
- The roads and coal handling plant are continuously sprinkled with water to suppress any dust and ensure no fugitive dust re-suspension.

EV policy

Our organisation has taken a significant initiative to combat emissions by committing to decarbonise 100% of our light motor vehicles by 2030. As part of this commitment, we are implementing a radical change to our Company Car Policy, which will impact all employees. The new policy includes higher slabs for purchasing conventional vehicles and Vehicle Maintenance Allowance (VMA), along with a market-leading Electric Vehicle (EV) element.

By implementing these changes, we aim to motivate all our employees to embrace sustainable transportation and integrate sustainability into their daily commutes.

Do you know

The Perform Achieve and Trade (PAT) mechanism is a way to speed up and encourage energy efficiency in the market. It focuses on energy-intensive industries and large facilities. Under PAT, energy savings are certified and can be traded as Energy Saving Certificates (ESCERTS), making it more cost-effective to improve energy efficiency.

Bharat Aluminium Company Ltd. is recognised as a top performer designated consumer in the aluminium sector for PAT Cycle-II under the National Mission for Enhanced Energy Efficiency

Initiatives taken during FY 2023 to reduce carbon footprint

BALCO signed RTC power purchase agreement of
200 MW
of renewable energy

Usage of
bio-diesel
instead of petrol and diesel in tecnological vehicles and ladle cleaning process

546.29 MU
of renewable power purchased

98%
graphitisation in potline to produce aluminium

4,754 MT
of biomass co-firing

Received
PAT Cycle award
for being the top performer for PAT Cycle 2 (robust improvement towards energy efficiency)

We have implemented innovative pre-bake equipment to minimise fugitive and stack emissions from our aluminium smelter in order to decrease air pollution. Dust extraction and dust suppression systems have been installed to help with this.

Internal Carbon Pricing

As an important lever of the decarbonisation process, we plan to adopt Internal Carbon Price mechanism from FY24 onwards for all business' operations and all the major upcoming expansion projects based on the criteria defined in this SOP. We want to implement shadow pricing during the evaluation of new projects to drive low carbon project choices; thereby ensuring carbon risks are considered during the project evaluation stage.

Life Cycle Assessment

We have conducted gate-to-gate life cycle assessment as of now. Later we are also planning to conduct

cradle to gate analysis. The objective of the LCA is to provide life cycle based environmental information based on gate-to-gate system boundary for aluminium production to identify environmental hot-spots and develop strategic environmental decision-making focusing on climate change. The LCA is carried out in accordance with the ISO standards on LCA: ISO 14040 (2006) and ISO 14044 (2006).

Managing waste efficiently

Hazardous waste

We are highly committed to creating an efficient waste management system since the aluminium and power sectors create hazardous waste throughout the manufacturing process that can cause serious environmental harm if not managed properly and in accordance with government rules. As a result, we manage our waste through proper waste storage, transportation and disposal.

'Manifest forms' are created with respect to each vehicle for appropriate transportation of hazardous waste to licenced recyclers or re-processors, ensuring total security. Waste is disposed of responsibly by incineration in designated sites such as licenced guarded landfills and closed sheds.

The graphitisation technique reduces SPL generation, a hazardous waste, while also increasing the pot life utilised in aluminium manufacturing.

Aluminium Dross processing and metal recover through an unique technology for sustainable use of a hazaradous waste is example of a Circular Economy adopted through partnering with Runaya.

Non-hazardous waste

Our non-hazardous wastes consist of metal scraps, PVC scraps and plastic scraps which are melted and reprocessed to ensure reuse along with the wooden waste. The CP coke wastes are used to make electrode paste. This ascertains that 100% of our non-hazardous wastes are recycled within the plant to ensure sustainability of the environment.

Ash disposal system

We have implemented a High Concentration Slurry Disposal (HCSD) disposal system. Treated waste water is used to create ash slurry, which is then disposed of in ash dykes. More than 100% of the fly ash is used in various applications such as road building, cement industries, brick making and so on.

Optimum utilisation of fly ash is ensured along with ensuring lower ash content in coal.

Waste management audits

We conduct regular waste management audits to ensure and monitor the effectiveness of our waste utilisation.

SLRM Centre

BALCO has an advanced Solid Liquid Resource Management Centre (SLRM) at the forefront of waste management technology. This centre is fully equipped to handle approximately 5 tonnes of mixed municipal waste, demonstrating its impressive capacity.

The SLRM centre comprises various essential components, including a segregation area, a Composting System comprising a Composter and Pit system, a Plastic and paper recycling machine.

By incorporating cutting-edge practices and adopting a well-thought-out design, the SLRM centre is an end-to-end waste disposal solution. It effectively manages the entire waste lifecycle, from initial collection to final treatment and disposal. By minimising waste generation within its premises, BALCO significantly reduces its environmental impact and sets a commendable example for sustainable waste management.

The entire waste management process at the SLRM centre is characterised by a well-defined workflow, from waste collection and sorting to processing and treatment. This systematic approach ensures that each type of waste is managed appropriately, maximising the potential for resource recovery and minimising the overall environmental impact.

BHARAT ALUMINIUM CO. LTD. ★ KORBA ★ balco

From FY 2023 onwards, BALCO has banned all single-use plastic bottles and plates within the plant premises. It has been replaced with glass bottles and paper plates.

Conserving water

Water positivity by 2030

BALCO is actively trying to reduce water usage and recycle waste water to contribute to its larger mission of water conservation. Our plants are built in such a way that no liquid waste is discharged into water bodies from our plants.

4 Million m³

Of fresh water consumption was reduced in FY 2023

Moreover, water utilised for industrial and domestic purposes is recycled. The wastewater is collected through covered drains and pipelines and then treated at ETP, a RO-based system. The treated water is then reused for horticulture and sprinkling.

10.76%

of water has been recycled in FY 2023

To reduce water pollution, reverse osmosis is done to treat the wastewater prior to recycling it in the raw water reservoir. We also have our sewage treatment plant that treats domestic sewage from our plants. The treated water is used in greenbelt development and dust suppression.

We also check ground and surface water levels on a regular basis and notify regulatory authorities as needed. Oil-based effluent from oil spills is collected in separate tanks equipped with skimmers. The skimmed waste oil from the plants is returned to the oil storage tank and the oil-free wastewater is sent to the ETP for further treatment. Presently we do not fall under the water stressed areas.

Initiatives to mitigate water scarcity risk

1) We undertake periodic water-risk management for a better planning on water management.
2) We avoid polluting water by applying zero discharge philosophy and treat all wastewater by adhering to good international practice before discharging to the environment.
3) We work with communities and inform our stakeholders regarding the progress and performance of water conservation and management.
4) We undertake a proper estimation of water footprint for all our projects and accordingly maintain a water-balance that minimises freshwater utilisation.
5) We reduce water consumption through proper recycling.

Optimising energy consumption

We are taking steps to decrease our energy use across all our businesses to reduce our carbon impact. We are implementing numerous approaches and procedures that are yielding significant results and assisting us in being more energy efficient. We are primarily sourcing and inclining towards renewable energy usage, with intentions to expand our renewable energy procurement rate in the future.

During FY 2023, BALCO has taken active measures to optimise its energy consumption in its Smelter operation as follows:

Initiatives	Impact
100% graphitised pots installation and normalisation	**12,24,669** kWh savings
Reduced Sp. Aux consumption by **15kWh/MT**	**16461767** kWh savings
Replaced **50 LED** fittings of 400W with 200W	**43,000** kWh savings
Replaced **70 LED** lights of 125W with 40W	**24,000** kWh savings
Replaced **180 conventional lights** of 400W with 200W LED lights.	**8,40,000** kWh savings
Stopped the operation of **hot well pump at cooling tower** of anode rodding plant	**1,12,000** kWh savings
Replaced preheater screw from **30TPH to 35TPH** to increase throughput	**1,80,000** kWh savings
Replaced **HTM heater** to optimise heater set point from **250 deg. cent to 240 deg. cent**	**72,000** kWh savings

Conserving bio-diversity

It is our responsibility to use natural and precious resources optimally for the benefit of future generations. Despite being into manufacturing, we are committed to lowering our carbon footprint through various measures. Through our sapling plantation project, we are contributing to biodiversity conservation. We successfully restored and stabilised ash dykes by planting over 1 lakh trees.

Biodiversity policy and commitment

- Prevent and mitigate bio-diversity risks throughout our business operations.
- To operate on the principles of no net loss while operating in ecologically sensitive areas.
- Compliance to local, regional and national legislative requirements and applicable international conventions on land management degradation, ecological restoration and biodiversity conservation management.
- Identify and access the biodiversity risk status and value, before initiating new projects and constant monitoring of the impact over the project life.
- Identify risks related to priority ecosystem services.
- Ensure conservation of threatened, rare and endemic species through habitat enhancement initiatives.
- Raising awareness among stakeholders.
- Continuous improvements in biodiversity through performance indicators.
- 'Nature-based solutions' approach in business decision making.

BHARAT ALUMINIUM CO. LTD. ★ KORBA ★ balco

Biodiversity CoP

- No net loss
- Integration of BMP in business plan
- Mitigation of biodiversity risk through business operations
- Support local regional and global conservation plans
- Raise biodiversity awareness among stakeholders
- Regulatory compliance
- Monitoring and review
- Identify and assess biodiversity status and value before start of a new project

1,23,562

Saplings planted in FY 2023, making a total of more than 8 lakh saplings

Making Birthdays Greener

At BALCO, we believe in promoting sustainability across the organization to align ourselves to global targets. Towards developing a culture of close adherence to environmentally aligned practices, we are encouraging our workforce to proactively adopt an eco-friendly lifestyle. In sync with this, we have introduced various initiatives in the past quarter like carpooling among employees, organizing regular awareness sessions for the schools in its vicinity and switching to green consumerism.

Under the above notion, BALCO has also launched a novel initiative 'Making Birthdays Greener', under which employees are invited to plant a fruit sapling on the eve of their birthday. The objective behind this initiative is to demonstrate ways to make important celebrations more environmentally friendly. The resulting orchard born out of the sapling planting initiative will also serve as an inspiration for future generations to do their own bit for the planet.

Environmental violation

BALCO has not violated the environmental regulatory policies in the last 4 years and is focused to sincerely contribute to the protection of the natural resources in the upcoming years as well.

Climate change risk

We have conducted climate change risk assessment for our sites. This study was conducted for BALCO between the time period 2020-2060, by estimating the degree, and financial impact of those risks especially physical and transition risks.

Physical risks

BALCO has employed scenario analysis techniques, utilising location-specific data and tools like the World Bank Climate Change Knowledge Portal (CCKP), World Resource Institute (WRI), National Oceanic and Atmospheric Administration (NOAA), and International Best Track Archive for Climate Stewardship (IBTrACS). These resources enable us to examine historical trends and project future climate-related risks in terms of extreme weather events such as droughts, floods and cyclones, as well as long-term physical changes like rising temperatures and sea levels and alterations in precipitation levels. By focusing on Representative Concentration Pathways (RCP), particularly RCP 4.5 and RCP 8.5, we aim to comprehend the potential effects of climate change on temperature and rainfall patterns across our operational units.

Transition Risks

Industries with high greenhouse gas (GHG) emissions are likely to face various transition risks as the global momentum for decarbonisation intensifies. These risks encompass policy and regulatory changes, legal implications, technological advancements, market shifts and reputational challenges. To proactively address these risks and adapt to evolving market trends and policies, we conducted a transition risk scenario analysis aligned with the Network for Greening the Financial System (NGFS) framework.

Our analysis was based on the International Energy Agency's (IEA) Beyond 2 Degrees Celsius (B2DS) and Net Zero 2050 scenarios. These scenarios provided the foundation for developing appropriate strategies in the transition towards a low-carbon economy. We utilised the NGFS framework, which consists of five scenarios-

The Current Policies Scenario
Nationally Determined Contributions (NDCs) Scenario
Below 2°C Scenario
Net Zero 2050 Scenario
Delayed Transition Scenario

To generate the transition pathways for these NGFS scenarios, we employed a well-established integrated assessment model. These pathways were created by considering key design choices such as long-term temperature targets, net-zero targets, short-term policy measures, overall policy coordination and technology availability. By incorporating these factors into our analysis, we aimed to provide comprehensive insights into the potential risks and opportunities associated with the transition towards a low-carbon economy.

Drought		
Potential impacts	**Measures**	**Action undertaken**
Extreme water crises which may disrupt the plant operations and lead to a shortage of drinking water.	• Regular study of water positivity • Usage of Sewage Treatment Plant water for landscaping and recycling • Rainwater harvesting to increase groundwater level • Integrated watershed management	• Dedicated crisis management by an internal team • Regular monitoring and assessment • More water harvesting structures are to be constructed • Water storage capacity to be enhanced • Groundwater recharge to increase the storage of water

High temperature		
Potential impacts	**Measures**	**Action undertaken**
Fluctuating temperatures are having a detrimental effect on both our plant life and the efficiency of our staff. The occurrence of severe weather conditions has the potential to cause significant damage to our transmission lines, resulting in power outages.	• Enhancement of cool air • Improved ventilation • Air conditioning • Sufficient power storage	• Plantation of trees inside premises to lower the temperature • Eye shower provided at various shop floor across 65 locations to ensure well-being of the workers • To maintain ambient air temperature, existing structures have been retrofitted for better cross ventilation • Rest room with air conditioners were arranged for high temperature areas. • Heat stress training provided to employees

Certifications

ISO 9001:2015
Quality management system

IATF 16949
Quality management system for the automotive industry

ISO 17025:2017
NABL accredited lab

ISO/IEC 27000:2013
Information security management system (ISMS)

ISO 14064:2018
Greenhouse gas certification

OHSAS 45001:2018
Occupational health and safety management system

ISO 50001:2018
Energy management system

ISO 14001:2015
Environment management system

ISO 55001:2014
Asset Management System

BHARAT ALUMINIUM CO. LTD. ★ KORBA ★ balco

Awards and Recognition

Arogya Healthy Workplace 2022

Super Gold Award on Quality Concepts and First Prize in Knowledge Competition by CCQC-2022

Mahatma Awards for CSR Excellance

National Energy leader award- CII

CEE Environmental Excellence Award 2022 for Fly Ash Utilisation/Disposal

Sustainable Factory of the year award by Frost & Sullivan & TERI

PRSI National Awards -2022 for best public awareness program

Global Safety Awards 2023 for practicing excellent zero road accidents- evolving safe work practices in operations

Great Place to Work

IMC Ramkrishna Bajaj National Quality Award for Performance Excellence

Titan Awards for Best Employee Engagement Strategy

W.E. Matter Global Employees' Choice Award

BHARAT ALUMINIUM CO. LTD. ★ KORBA ★

Awards and Recognition

5th ICC Social Impact Awards 2023 for Employment Enhancing Vocational Skills

Global Road Safety Award 2023

The Happiest Workplaces Award 2022

Certified as Silver through CII GreenCo assessment

Manufacturing Today Award in the category -Reinventing the Future 2022

BALCO Recognized as Top Performer Designated Consumer for Aluminium sector of PAT Cycle II

Profile of Board of Directors

Mr. S. K. Roongta
Chairman & Independent Director

Mr. Sushil Kumar Roongta has been a Board member of the Company since January 31, 2012, and has held the position of Chairman since October 17, 2014. He obtained his BE degree in Electrical Engineering from BITS Pilani and achieved a gold medal in PGDBM (International Trade) from IIFT, New Delhi. Additionally, he is a respected member of the All India Management Association. Mr. Roongta holds significant roles in several prominent chambers, including serving as a Member of the National Executive Committee of FICCI and the National Council of ASSOCHAM. He also acts as a Jury Member for esteemed awards such as the Lakshmipat Singhania - IIM Lucknow Leadership Awards, BML Munjal Awards for excellence in learning and development, ICWAI National Awards for Excellence in Cost Management, and AIMA Awards. Throughout his career, he has been honored with various accolades, including the SCOPE gold awards for Excellence & Outstanding Contribution to the Public Sector Management - Individual Category from 2007 to 2008. Furthermore, he is the Chairman of the Corporate Social Responsibility and a member of the Audit Committee and the Nomination & Remuneration Committee of the Board.

Mr. Rajesh Kumar
CEO & Whole Time Director

On the 15th of February 2023, Bharat Aluminium Company Limited welcomed Mr. Rajesh Kumar as its new CEO and Whole Time Director. With an impressive track record spanning 36 years, Mr. Rajesh Kumar has gained extensive expertise in various areas such as operations, maintenance, project implementation, and productivity enhancement during his tenure at Tata Steel's Indian and Thai units. Throughout his career, he has successfully managed profit centres, manufacturing operations, total quality management, industrial safety, production and quality improvement, project engineering, digitisation, logistics, human resource development, financial analysis, leadership, and strategy. Mr. Rajesh Kumar's educational background includes a bachelor's degree in Mechanical Engineering (B. Tech) from Banaras Hindu University (IIT BHU), and he achieved the prestigious distinction of being a gold medallist in finance during his master's in business administration (MBA) at XLRI, Jamshedpur.

Mr. Tarun Jain
Director

Since March 2, 2001, Mr. Tarun Jain has served on the Board of the Company. He holds positions on the Audit Committee and Finance Standing Committee of the Company. With a professional background spanning over 40 years, Mr. Jain possesses expertise in corporate finance, audit and accounting, tax and secretarial practices, as well as strategic financial matters like corporate strategy, business development, and mergers and acquisitions.

Mr. Jain is a fellow member of the Institute of Chartered Accountants of India and the Institute of Company Secretaries of India. Additionally, he holds a Graduate degree from the Institute of Cost and Works Accountants of India. Apart from his involvement in the Company's Board, he also serves on the boards of Vedanta Medical Research Foundation, AART Ventures Pvt. Ltd., and AART Corporate Advisors Pvt. Ltd. Previously, he held positions on the boards of Vedanta Limited, Hindustan Zinc Limited, and MALCO Energy Limited.

BHARAT ALUMINIUM CO. LTD. ★ KORBA ★ balco

Profile of Board of Directors

Mr. D.D. Jalan
Independent Director

Mr. D.D. Jalan, a seasoned Chartered Accountant with an extensive experience spanning over 45 years, possesses a wealth of knowledge in various areas including financial management, corporate negotiations, financial control, business planning, due diligence, business development, treasury operations, capital raising, business structuring, investor relations, commercial affairs, taxation, personnel development, and strategic planning. Currently, Mr. D.D. Jalan is actively engaged in entrepreneurial pursuits, dedicating his efforts to fostering start-ups through an angel network. Additionally, he serves as an Independent Director on several distinguished Boards. In his previous capacity, he held the esteemed position of Group Chief Financial Officer at Vedanta Resources Plc and served as an Executive Director and CFO at Vedanta Ltd until his retirement in September 2016. Currently, Mr. D.D. Jalan assumes the role of Chairman for both the Audit Committee and the Nomination & Remuneration Committee of the Board of the Company.

Dr. Anoop Kumar Mittal
Independent Director

Dr. Anoop Kumar Mittal has been serving as an Independent Director on the board of the Company since October 2022. With an impressive career spanning over 40 years, Dr. Mittal holds a prominent position among India's leading civil engineers. His expertise encompasses various fields such as Civil Engineering, Consultancy, Real Estate Development, Merger and Acquisitions, and Project Management.

During his tenure as Chairman-cum-Managing Director (CMD) of NBCC (India) Ltd., a crucial engineering entity under the Ministry of Housing and Urban Affairs (MoHUA) of the Government of India, Dr. Mittal played a pivotal role in spearheading its operations from 2013 to March 2019. He has also held board memberships in prestigious companies such as Welspun Enterprises Limited, Berger Paints India Limited, and was appointed to the board of Unitech Limited by the Government of India and the Hon'ble Supreme Court of India.

Dr. Mittal's educational journey began in 1978 when he pursued a Bachelor's degree in Civil Engineering from Thapar Institute of Engineering and Technology in Punjab. In recognition of his significant contributions to the fields of civil and construction engineering, he was bestowed with the honorary title of Doctor of Philosophy (Honoris Causa) by Singhania University, Rajasthan, in 2013.

Ms. Farida Mahmood Naik
Government Nominee Director

In November 2022, Ms. Farida M Naik joined the Board. Having completed her Psychology degree at Sophia College, Mumbai, she is an esteemed alumna of the institution. Presently, Ms. Naik holds the position of Joint Secretary in the Ministry of Mines, Government of India. Throughout her career, she has held diverse roles within various ministries and departments of the Central Government. Notably, she has served as the Joint Director of the National Book Trust and as a Director in the Ministry of Mines. In addition to her current role, Ms. Naik also serves as a Director on the boards of Hindustan Zinc Limited and Bharat Gold Mines Limited.

Ms. Nirupama Kotru
Government Nominee Director

On 4th August 2021, Ms. Nirupama Kotru, an officer of the Indian Revenue Service (Income Tax) from the 1992 batch, was appointed as the government nominee Director in BALCO. She also holds a position on the Board of Hindustan Zinc Limited.

Ms. Kotru has a diverse background, having obtained a BA in Economics (Hons.) from St. Stephen's College, Delhi University, and an MA in Politics & International Relations from the School of International Studies, Jawaharlal Nehru University, Delhi. Throughout her career, she has served in various assignments within the Income Tax Department in Mumbai, Chennai, Delhi, and Pune. Notably, she played a key role in establishing the International Taxation Directorate of the Income Tax Department and successfully administered the MCA21 corporate filing system as Director (E Governance) in the Ministry of Corporate Affairs. Furthermore, she contributed significantly to the establishment of the Indian Institute of Corporate Affairs at Manesar. In her role as Director (Films) in the Ministry of Information & Broadcasting, she oversaw the administration of media units such as NFDC, Films Division, National Film Archive, and the Directorate of Film Festivals, in addition to handling all policy matters related to films. Recently, she served as Joint Secretary in the Ministry of Culture, Government of India. Ms. Kotru brings extensive expertise in administration and taxation, gained from her diverse experiences in various fields.

Mr. Sanjeev Verma
Government Nominee Director

Mr. Sanjeev Verma, a 2003-batch officer of the Indian Railway Stores Service (IRSS), joined the company's Board on December 26, 2022. He has been serving as a Director in the Ministry of Mines since February 2019. With a Bachelor's degree in civil engineering from MINT, Jaipur, he is well-versed in procurement of goods and services for various users of the Indian Railways. Furthermore, he has undergone training for the Management Development Programme. In his current role as Director in the Ministry of Mines, Mr. Verma is responsible for overseeing matters concerning mine auctions, mineral concessions, the utilisation of DMF and the implementation of the PMKKKY scheme. Adding to his roles, he also serves as a Director on the Board of Hindustan Copper Limited since August 2020.

NOTICE OF THE 57TH ANNUAL GENERAL MEETING

Notice is hereby given that the 57th Annual General Meeting ("AGM") of the Members of Bharat Aluminium Company Limited will be held through Video Conferencing ("VC") or any Other Audio-Visual Mode ("OAVM") on Tuesday 27th June 2023 at 3:30 P.M. to transact the following businesses:

AS ORDINARY BUSINESS:

1. To receive, consider and adopt the Audited Financial Statements of the Company for the financial year ended on 31st March 2023 and the Report of the Board of Directors' and Auditor's thereon and in this regard to consider and if thought fit, to pass with or without modification(s), the following resolution as an Ordinary Resolution:

   "**RESOLVED THAT** the audited financial statement of the Company for the financial year ended 31st March 2023 and together with reports of the Board of Directors and Auditors thereon laid before this meeting, be and are hereby received, considered and adopted."

2. To appoint a director in place of Mr. Tarun Jain (DIN: 00006843), Director, who retires by rotation and being eligible offers himself for re-appointment and in this regard to consider and if thought fit, to pass with or without modification(s), the following resolution as an Ordinary Resolution.

   "**RESOLVED THAT** Mr. Tarun Jain (DIN: 00006843), who retires by rotation in terms of Section 152 of Companies Act, 2013 and being eligible offers himself for re-appointment, be and is hereby re-appointed as Director of the Company whose office shall be liable to retirement by rotation".

AS SPECIAL BUSINESS:

3. To ratify the remuneration of Cost Auditors for the financial year ending 31st March 2024 & in this regard to consider and if thought fit, to pass with or without modification(s), the following resolution as an Ordinary Resolution:

   "**RESOLVED THAT** pursuant to the provisions of Section 148(3) and all other applicable provisions of the Companies Act, 2013 and the Companies (Audit and Auditors) Rules, 2014 and Companies (Cost Records and Audit) Rules, 2014 (including any statutory modification(s) or re-enactment thereof, for the time being in force), the remuneration payable to M/s. R J Goel & Co. (Firm Registration No. 000026), appointed by the Board of Directors of the Company as Cost Auditors to conduct the audit of the cost records of the Company for the financial year ending March 31, 2024, amounting to ₹ 2,50,000 (Rupees Two Lakhs Fifty Thousand Only) as recommended by the Audit Committee and approved by the Board of Directors of the Company, be and is hereby ratified.

   RESOLVED FURTHER THAT Company Secretary/ Chief Financial Officer/ Whole-time Director be and is hereby authorized to do all acts, deeds, matters and things including but not limited to the filing of necessary forms, returns etc. with Registrar of Companies and other authorities, if any, as may be required to give effect to this resolution and to do all things incidental and ancillary thereto."

4. Appointment of Mr. Rajesh Kumar (DIN-09586370) as a Director of the Company and to Consider and if thought fit, to pass, with or without modification(s), the following resolution as a Special Resolution:

   "**RESOLVE THAT** pursuant to the provision of Section 152, and other applicable provisions, if any of the Companies Act, 2013 and the rules framed hereunder, as amended from time to time and on the recommendation of Nomination and Remuneration Committee and approval of the Board of Directors, Mr. Rajesh Kumar (DIN-09586370) who was appointed as an additional director of the company with effect from 15th February 2023, and who holds office as such up to the date of this Annual General Meeting, and who being eligible offers himself for re-appointment and has consented in writing to act as a director of the company, be and is hereby appointed as Director of the Company.

   RESOLVED FURTHER THAT Company Secretary of the Company, be and is hereby authorised to file relevant forms with the Registrar of companies and to do all such other acts, deeds and things as may be considered necessary in connection with the above appointment".

5. Appointment of Mr. Rajesh Kumar (DIN-09586370) as a Whole Time Director of the Company and to Consider and if thought fit, to pass, with or without modification(s), the following resolution a Special Resolution:

   "**RESOLVED THAT** pursuant to the provisions of Section 160, 179, 196, 197, 198, 203 read with schedule V and other applicable provisions of the Companies Act, 2013 and the Companies(Appointment and Remuneration of Managerial Personnel) Rules, 2014 (including any statutory modification(s) or re-enactment(s) thereof, for the time being in force) and the Articles of Association of the Company and based on the recommendation of the Nomination & Remuneration Committee and approval of the Board of Directors in its meeting held 15th February 2023, the consent of the members of the Company be and is hereby accorded to appoint Mr. Rajesh Kumar (DIN-09586370) as Whole-Time Director of the Company, designated as Chief Executive Officer (CEO) of the company w.e.f. 15th February 2023 to 14th February 2027 or for such shorter period as may be prescribed under applicable laws, on the terms and conditions including remuneration as set out in the explanatory statement annexed to the notice convening this meeting notwithstanding that such remuneration may exceed the limits specified under Section 197 and Schedule V of the Act.

   RESOLVED FURTHER THAT Company Secretary of the Company, be and is hereby authorised to file relevant forms with the Registrar of companies and to do all such other acts, deeds and things as may be considered necessary in connection with the above appointment."

6. Approval of waiver of excess remuneration paid to Mr. Abhijit Pati (DIN-08457230), ex-Whole Time Director and CEO of the Company during the Financial Year 2022-23 and to Consider and if thought fit, to pass, with or without modification(s), the following resolution a Special Resolution:

   "**RESOLVED THAT** pursuant to the provisions of Sections 197, 198 read with Schedule V of the Companies Act, 2013 ("the Act") and other applicable provisions, if any, of the Act and the Companies (Appointment and Remuneration of Managerial Personnel) Rules, 2014 (including any statutory modification(s) or re-enactment thereof, for the time being in force), and pursuant to the recommendations of Nomination and Remuneration Committee and the Board of Directors of the Company and subject to such approval as may be required, the approval of the members of the Company be and is hereby accorded for waiver from recovery of excess remuneration amounting to ₹ 3.77 Crores paid to Mr. Abhijit Pati, (DIN: 08457230), Ex- Whole Time Director & CEO for the financial year 2022-23, which is in excess of the limits prescribed under Schedule V of the Act in view of inadequate profits for the financial year 2022-23 and within the limits as approved by the Members of the Company at their 56th Annual General Meeting held on 27th June 2022.

   RESOLVED FURTHER THAT the Company Secretary, be and is hereby authorized to sign and file the statutory form(s) with the Registrar of Companies, and to comply with all other applicable formalities and to do all such things as may be deemed necessary in this regard."

7. Appointment of Mr. Anoop Kumar Mittal (DIN: 05177010) as an Independent Director of the Company and to consider and if thought fit, to pass, with or without modification(s), the following resolution an Ordinary Resolution:

   "**RESOLVED THAT** pursuant to the provisions of Section 149, 150, 152 read with Schedule IV and other applicable provisions, if any, of the Companies Act, 2013 (hereinafter referred to as 'the Act') read with relevant rules made thereunder (including any statutory modification(s) or re-enactment thereof, for the time being in force) and on the recommendation of Nomination & Remuneration Committee and approval of Board of Directors for the appointment of Mr. Anoop Kumar Mittal (DIN: 05177010) as an Additional Director designated as an Independent Director of the Company w.e.f. 19th October 2022, who has submitted a declaration that he meets the criteria for independence as provided under Section 149(6) of the Act and rules made thereunder and in respect of whom the company has received a notice in writing in terms of Section 160(1) of the Act from the members proposing his candidature for the appointment and who holds office as such upto the date of 57th Annual General Meeting, be and is hereby appointed as an Independent Director of the Company, not liable to retire by rotation, to hold office for the 1st term of 1 years effective from 19th October 2022 till 18th October 2023.

   RESOLVED FURTHER THAT the Company Secretary of the Company be and is hereby authorized to do all such acts, deeds, matters and things as in its absolute discretion it may consider necessary, expedient and desirable to give effect to this resolution."

By order of the Board

Prateek Jain
Company Secretary
ACS-67321

Date: 03-06-2023

Registered Office:
Aluminium Sadan, Scope Office Complex, Core-6,
7 Lodhi Road, New Delhi-110003.
CIN: U74899DL1965PLC004518
Email: balcolegal@vedanta.co.in
Website: www.balcoindia.com
Tel: 011-49166200

NOTES:

1. The explanatory statement pursuant to Section 102(1) of the Companies Act, 2013("Act") relating to the special businesses as set out in Item No. 3, 4, 5, 6 & 7 above is annexed hereto.
2. Information regarding particulars of Directors seeking appointment/re-appointment requiring disclosure in terms of Secretarial Standards on General meetings issued by the Institute of Company Secretaries of India [SS-2], is annexed as Annexure 1. The Company has received the consent/declaration for appointment/re-appointment under the Companies Act, 2013 and the rules thereunder.
3. In view of the massive outbreak and extraordinary circumstances created due to the COVID-19 pandemic, the Ministry of Corporate Affairs vide it's General Circular no. 14/2020 dated April 08, 2020, General Circular no.17/2020 dated April 13, 2020, General Circular no. 20/2020 dated May 05, 2020, General Circular no. 21/2021 dated December 14, 2021 and General Circular no. 10/2022 dated 28.12.2022 ("MCA Circulars") has allowed to hold the Annual General Meeting (AGM) of the Company due in the Year 2023, to conduct their AGMs on or before 30th September 2023 through Video Conferencing ("VC") / Other Audio Visual-Means ("OAVM") without the physical presence of the Members at a common venue. Therefore, in compliance with the MCA Circulars and applicable provisions of the Companies Act, 2013, 57th AGM of the Company is scheduled to be held through VC/OAVM in the manner given below, hence, the facility for appointing proxies will not be available for this meeting.
4. It is being informed that the physical presence of the members has been dispensed with for attending the meeting through VC/OAVM, therefore, the facility to appoint a proxy to attend and cast vote for the members will not be available for this AGM and hence, the Proxy Form, Attendance Slip and route map are not annexed to this Notice.
5. Members attending the AGM through VC/OAVM shall be counted for the purpose of reckoning the quorum under Section 103 of the Act.
6. Relevant documents referred to in the accompanying Notice and the Statements are open for inspection by the members at the Registered Office of the Company in electronic mode on all working days, except Saturdays, during business hours up to the date of the AGM. Such documents will be also available at the AGM for inspection by members through electronic mode.
7. The Register of Directors and Key Managerial Personnel and their shareholding-maintained u/s 170 of the Companies Act, 2013 and Register of Contracts or Arrangements in which Directors are interested, maintained u/s 189 of the Companies Act, 2013 will be available for inspection by the members at the AGM of the Company through electronic mode.
8. Members may note the designated email address of the company- prateek.jain@vedanta.co.in for any technical assistance before or during the meeting and for registering the email Id with the company for participating in the meeting.

   Members may further note the following instructions for joining the AGM through VC / OAVM as per MCA Circulars:

   (i) The Company shall be providing a two-way teleconferencing facility via Microsoft Teams application for the ease of participation of the members.

   (ii) Members are requested to participate on a first come first serve basis. However, the participation of members holding 2% or more, promoters, institutional investors, directors, key managerial personnel, chairperson of audit committee, nomination and remuneration committee and the statutory auditors and the secretarial auditor of the Company is not restricted.

   (iii) The members can join the AGM in the VC/ OAVM mode 15 minutes before and 15 minutes after the scheduled time of the commencement of the Meeting by following the procedure mentioned in the notice.

   (iv) Link along with the credentials for joining the meeting shall be shared separately to all members on their email IDs registered with the company. Members may login on the said link using their credentials.

   (v) Voting mechanism shall be by show of hands unless a poll is demanded at the meeting. In the case of poll, members shall cast their vote on the resolution(s) only by sending an email at above mentioned designated email address.
9. Shareholders may get their Email Ids registered for participation by sending an intimation to above mention designated email address.
10. Corporate members intending their authorized representatives to attend and vote at the Annual General Meeting (AGM) are requested to send to the Company a certified true copy of the Board Resolution authorizing their representative to attend and vote on their behalf at the AGM at the designated Email address mentioned in the Notice.
11. In case of joint holders attending the Meeting, only such joint holder who is higher in the order of names will be entitled to vote.
12. In view of relaxation given by MCA Circulars, Integrated Annual Report including the Financial Statements, Auditor's report, Board's report and Notice of 57th Annual General Meeting along with all the annexures and attachments thereof are being sent by electronic mode to those Members whose e-mail addresses are registered with the Company and trustees for the debenture-holder of the company at their registered e-mail addresses and all other persons so entitled at their registered e-mail addresses. No Physical Copy of the same will be provided by Company. Shareholders whose email address are not registered/ updated with the Company may update the same by sending an email to the designated email address as mentioned in this notice.
13. The Notice of the AGM along with the Integrated Annual Report for FY 2022-23 is being sent by electronic mode to those members whose e-mail addresses are registered with the Company/ Depositories unless any Member has requested for a physical copy of the same.
14. Notice and the Integrated Annual Report of the Company for the financial year 2022-23 will also be available on the Company's website at https://www.balcoindia.com/
15. Recorded transcript of the Meeting shall be uploaded on the website of the Company and the same shall also be maintained in safe custody of the Company. The registered office of the company shall be deemed to be the place of Meeting for the purpose of recording of the minutes of the proceedings of this AGM.

Explanatory statement pursuant to section 102 of the Companies Act, 2013("the Act")

Item No. 3:

In accordance with the provisions of Section 148(3) of the Companies Act, 2013 read with Companies (Audit and Auditors) Rules, 2014, the remuneration payable to Cost Auditors as recommended by the Audit Committee and approved by the Board of Directors of the Company, is required to be ratified by the members of the Company at the General Meeting.

The Board of Directors of the Company on the recommendation of the Audit Committee has approved the appointment of M/s. R J Goel & Co. as the Cost Auditors of the Company at remuneration of ₹ 2,50,000/- (excluding taxes and out of pocket expenses) to conduct the audit of the cost records of the Company for the financial year ending March 31, 2024.

Accordingly, ratification by the members is being sought for the remuneration payable to the Cost Auditors for the financial year 2023-24 by way of an Ordinary Resolution.

The Board accordingly recommends the Ordinary Resolution set out at Item No. 3 of the accompanying Notice for approval of the Members.

None of the Directors, Key Managerial Personnel or their relatives are in any way concerned or interested, financially or otherwise in this resolution as set out at Item no. 3 of the Notice except to the extent of their shareholding.

Item No. 4 & 5:

On the recommendation of the Nomination and Remuneration Committee, the Board of Directors of the Company approved and passed a resolution at their meeting held on 15th February 2023 for appointment of Mr. Rajesh Kumar (DIN-09586370) as an Additional Director on the Board of the Company with effect from 15th February 2023 (designated as Chief Executive Officer and Whole time Director) in accordance with the provisions contained in Section 161, 196, 197, 198 and 203 of the Companies Act, 2013, read with Schedule V, and other applicable provisions, if any of Companies act, 2013 along with rules made thereunder and subject to any regulatory approvals that may be required by operation of law, Mr. Rajesh Kumar (DIN-09586370) shall hold office up to the date of this Annual General Meeting to be held on 27th June 2023. Accordingly consent of the members is sought for appointment of Mr. Rajesh Kumar as Director of the company designated as Whole-Time Director and Chief Executive Officer of the Company.

Approval of the Members is required by way of a Special Resolution for appointment and payment of remuneration to Mr. Rajesh Kumar (DIN-09586370) on the terms and conditions of the appointment and remuneration payable as recommended by the Nomination and Remuneration Committee and approved by board at their meeting dated 15th February 2023.

Proposed Remuneration:

Particulars	₹*
Annual Base Salary (incl. Gratuity, Superannuation etc.)	1,68,65,000
Total Annual Bonus Target	1,18,05,500
Total Stock Option Target	70,00,000
Other Benefits	13,85,000
Total	**3,70,55,500**

* Remuneration excludes Annual Increment which will be paid as per Company Policy and a Joining Bonus of INR 40,00,000/- (Rupees Forty Lakhs Only) with a lock-in period of 1 Year

The Board accordingly recommends a Special Resolution set out at Item No. 4&5 of the accompanying Notice for approval of the Members.

Except Mr. Rajesh Kumar none of the Directors and Key Managerial Personnel of the Company or their relatives are concerned or interested financially or otherwise, in the resolutions set out at Item No. 4&5 except to the extent of their shareholding.

The Statement Containing Additional Information as Required Under Schedule V of the Act for the Item No. 4&5

GENERAL INFORMATION

1. Nature of Industry: Aluminium production and Power Generation
2. Date of commencement of Commercial production: 27th November, 1965
3. In case of new companies, expected date of commencement of activities as per project approved by financial institutions appearing in the prospectus: Not Applicable
4. Financial performance based on given indicators:

₹ Crore

Particulars	FY 2022-23	FY 2021-22
Income from Operations and Other Income	13,496.40	13,938.84
Operating Profit (Before Interest, Depreciation & Tax)	831.92	4,569.26
Profit/(Loss) Before Tax	72.94	3,556.17
Less: Provision for Tax		
Current Tax	0.83	356.71
Deferred Tax	29.68	463.28
Net Profit/(Loss) After Tax	42.43	2,736.19

5. Foreign investments or collaborations, if any: The Company has not made any Foreign Investments and neither entered into any collaborations during the last year.

I. INFORMATION ABOUT THE APPOINTEE:

1. Background details:

Mr. Rajesh Kumar

Mr. Rajesh Kumar has 35+ years of experience in Tata Steel. In his previous role, Mr. Kumar has been the Executive in charge of the Industrial By-Products Management Division. Mr. Kumar has a vast experience in various functional areas like operations, maintenance, project execution, and productivity improvement in different manufacturing units of steel plant like Bar and Wire Rod Mill, Merchant Mill, Hot Strip Mill, Thin Slab Caster and Rolling Mill, Steel Melting Shop within Tata Steel India and Thailand. Mr. Rajesh has done his MBA from XLRI, Jamshedpur and B. Tech in Mechanical Engineering from Indian Institute of Technology (Banaras Hindu University), Varanasi.

Mr. Rajesh Kumar has rich and varied experience in the industry and has been involved in the various operations of Tata Steel. He has proved his ability to deliver significant operating and financial improvements, while also ensuring important advances in sustainability.

2. Past Remuneration:

Financial Year	Amount (₹ in Lcs)
FY 2022-23 (15th Feb '23 to 31st Mar '23)	21.74

3. Recognition or awards:

Under dynamic leadership of Mr. Rajesh Kumar, the Company has won notable awards recently:

i. BALCO has been awarded 5th ICC Social Impact Award, 2023 under the category Employment Enhancing Vocational Skills.

4. Job Profile and his Suitability:

Mr. Rajesh Kumar has been instrumental in pressing forward the art of gear manufacturing and keeping abreast with the latest technology for delivering the highest quality of products. He has inherited an enormous legacy and shouldered higher assignments during his tenure. In view of his enriched experience and enlarged leadership, the Board proposes for the appointment of Mr. Rajesh Kumar, CEO and Whole Time Director, for a period w.e.f. 15th February 2023 to 14th February 2024, as per the details stated in explanatory statement of Item No. 4&5 of the Notice.

5. Remuneration Proposed:

As stated in Explanatory Statement as Item No. 4&5 of this Notice.

6. Comparative remuneration profile with respect to industry, size of the company, profile of the position and person

The remuneration as proposed of Mr. Rajesh Kumar is comparable to that drawn by the peers in the similar capacity in the industry and is commensurate with the size of the Company and diverse nature of its businesses. Considering their general industry and the specific company profile the proposed remuneration is in line with the industry levels and that of comparatively placed Companies in India.

7. Pecuniary relationship directly or indirectly with the company, or relationship with the managerial personnel, if any.

Beside the remuneration proposed to be paid to Mr. Rajesh Kumar, he does not have any other pecuniary relationship with the Company or relationship with any other Director or Managerial person.

Item No. 6:

Mr. Abhijit Pati was re-appointed as a CEO and Whole Time Director of the Company for a period of 2 years with effect from 1st January 2022 till 31st December 2023, by means an Ordinary Resolution passed by the Members at the 56th Annual General Meeting (56th AGM) of the Company held on 27th June 2022 on the terms and conditions including payment of remuneration as mentioned therein.

At the time of his re-appointment, the Company had adequate profits and the remuneration paid / payable to Mr. Pati was well within the limits prescribed under the Companies Act, 2013. However, during the last financial year, the Aluminum industry has seen a set of unprecedented circumstances and as a result the EBITDA (before exceptional items) fell to ₹ 731 Cr. registering a decline of 83% over the previous year. The Net Profit of the Company for the financial year ended 31st March 2023 stood at ₹ 73 Cr., as compared to Net Profit of ₹ 3,556 Cr., for the previous year. Owing to the above factors, the financial performance of the Company in the financial year ended March 31, 2023 did not meet expectations.

As a result of the above, the remuneration paid to Mr. Abhijit Pati for the financial year 2022-23 exceeded the limits specified under Section 197 of the Companies Act, 2013 (the Act) read with Schedule V thereto. Pursuant to Section 197(10) of the Act, the members of the Company can waive the recovery of excess remuneration by passing a special resolution. The management of the Company believes that the remuneration as previously approved by the members of the Company and paid to Mr. Abhijit Pati was justified in terms of his key role within the Company.

The Nomination and Remuneration Committee and the Board have at their respective meeting(s) held on 18th April 2023 and 20th April 2023, subject to the approval of the members of the Company, accorded their approvals for waiver of the recovery of excess managerial remuneration paid by the Company to Mr. Abhijit Pati and, in the interest of the Company have also recommended the aforesaid resolution as set out in this Notice for approval of the Members.

Accordingly, it is proposed that approval of the members of the Company by way of a special resolution be obtained for the waiver of recovery of excess remuneration paid to Mr. Abhijit Pati. The Company has not defaulted in payment of dues to any bank or public financial institution or non-convertible debenture holders or other secured creditor, if any.

The Board accordingly recommends the Special Resolution set out at Item No. 6 of the accompanying Notice for approval of the Members.

None of the other Directors / Key Managerial Personnel and their relatives are in any way, concerned or interested, financially or otherwise, in the resolutions set out in Item no. 6.

The Articles of Association of the Company, relevant resolutions passed at the Board and Committee Meetings and other allied documents being referred in the resolution, are available for inspection at the Registered Office of the Company on any working day between 11.00 a.m. to 1.00 p.m. up to the date of AGM and will also be available for inspection at the venue of the AGM.

Item No. 7

On the recommendation of the Nomination and Remuneration Committee, Board of Directors appointed Mr. Anoop Kumar Mittal (DIN: 05177010) as an Additional Director designated as an Independent Director of the Company to hold office for the 1st term of 1 year effective from 19th October 2022 till 18th October 2023, not liable to retire by rotation, who shall hold office up to the date of ensuing AGM or the last date on which AGM should have been held whichever is earlier.

As an Additional Director, Mr. Mittal holds office till the date of this Annual General Meeting and is eligible for being appointed as an Independent Director. The Company has received the necessary declaration(s) from Mr. Mittal confirming that he meets the criteria as prescribed under the Companies Act, 2013 (the Act) and rules made thereunder.

Mr. Mittal is not disqualified from being appointed as a Director under provisions of Section 164 of the Companies Act, 2013 and has given his consent to act as a Director of the Company and other necessary disclosures.

In terms of Section 160 of the Act, the Company has received a notice in writing from a member of the Company proposing the candidature of Mr. A K Mittal to be appointed as an Independent Director.

BHARAT ALUMINIUM CO. LTD. balco KORBA

In the opinion of Board, Mr. Mittal fulfills the conditions specified in the Act and the Rules made thereunder for his appointment as an Independent Director and he is independent of the management.

A copy of the letter of appointment for Independent Directors, setting out the terms and conditions for the appointment of Independent Directors is available for inspection by the Members at the registered office of the Company during business hours on any working day up to the date of this Annual General Meeting and also at the meeting via electronic mode. The same is also available on the website of the Company www.balcoindia.com.

It is proposed to seek members' approval for the appointment of Mr. Anoop Kumar Mittal as an Independent Director of the Company, in terms of applicable provisions of the Act and rules made thereunder.

The Board accordingly recommends the Ordinary Resolution set out at Item No. 7 of the accompanying Notice for approval of the Members.

Save and except Mr. Anoop Kumar Mittal and his relatives, to the extent of their shareholding interest, if any, in the Company, none of the other Directors/Key Managerial Personnel and their relatives are in any way, concerned or interested, financially or otherwise, in the Resolution set out at Item No. 7.

By order of the Board

Prateek Jain
Company Secretary
ACS-67321

Date: 03-06-2023

Registered Office:
Aluminium Sadan, Scope Office Complex, Core-6,
7 Lodhi Road, New Delhi-110003.
CIN: U74899DL1965PLC004518
Email: balcolegal@vedanta.co.in
Website: www.balcoindia.com
Tel: 011-49166200

Annexure-1

Detail of Directors seeking appointment / re-appointment at the ensuing Annual General Meeting pursuant to secretarial standard-2 issued by the Institute of Company Secretaries of India:

Mr. Tarun Jain

Name of Director	Mr. Tarun Jain
DIN	00006843
Age	63 Yrs.
Qualification	Mr. Tarun Jain is a fellow member of the Institute of Chartered Accountants of India and Institute of Company Secretaries of India, besides being a Graduate of the Institute of Cost and Works Accountants of India.

Experience	Almost 40 years of diversified experience in strategic financial matters including corporate finance, corporate strategy, business development and mergers and acquisitions. He is a graduate of the Institute of Cost and Works Accountants of India, a Fellow Member of the Institute of Chartered Accountants of India and the Institute of Company Secretaries of India.
No. of Shares held in Company	Nil
Terms & condition of Re-appointment	Non-Executive Director
Remuneration sought to be paid / last Drawn (including Sitting fees) Date of first appointment on the	₹ 18.01 Lacs.
Board	2nd March 2001
Relationship with Another Director/ KMP/Manager	None as per the definition of Relatives specified in the Companies Act and Listing Regulations
Number of meetings of the Board Attended during the year	As mentioned in the Corporate Governance Report
Directorships, in other companies	**Directorship in Companies** **Listed/Unlisted Public Companies** Bharat Aluminium Company Limited **Private Companies** Aart Ventures Private Limited Aart Corporate Advisors Private Limited **Sec.8 Companies** Vedanta Medical Research Foundation Rajtaru Charity Foundation Rushabhnath Digamber Jain Foundation
Committee Membership/ Chairmanship of other Companies	**Member** Audit Committee-Bharat Aluminium Co. Ltd. Nomination & Remuneration Committee- Bharat Aluminium Co. Ltd. **Chairman** Finance Standing Committee-Bharat Aluminium Co. Ltd.

BHARAT ALUMINIUM CO. LTD. ★ KORBA ★ balco

Mr. Rajesh Kumar

Name of Director	Mr. Rajesh Kumar
DIN	09586370
Age	57 Yrs.
Qualification	Mr. Rajesh has done his MBA from XLRI, Jamshedpur and B. Tech in Mechanical Engineering from Indian Institute of Technology (Banaras Hindu University), Varanasi.

Experience	Mr. Rajesh Kumar has 35+ years of experience in Tata Steel. In his previous role, Mr. Kumar has been the Executive in charge of the Industrial By-Products Management Division.
No. of Shares held in Company	Nil
Terms & condition of Re-appointment	Executive Director
Remuneration sought to be paid / last Drawn (including Sitting fees) Date of first appointment on the	₹ 3.71 Cr (remuneration sought to be paid)
Board	15th February 2023
Relationship with Another Director/ KMP/Manager	None as per the definition of Relatives specified in the Companies Act and Listing Regulations
Number of meetings of the Board Attended during the year	As mentioned in the Corporate Governance Report
Directorships, in other companies	**Directorship in Companies** **Listed/Unlisted Public Companies** BHARAT ALUMINIUM CO LTD VEDANTA MEDICAL RESEARCH FOUNDATION
Committee Membership/ Chairmanship of other Companies	**Member** CSR Committee-Bharat Aluminium Co. ltd. Finance Standing Committee- Bharat Aluminium Co. Ltd.

Mr. Anoop Kumar Mittal

Name of Director	Mr. Anoop Kumar Mittal
DIN	05177010
Age	63 Years
Qualification	B E (Civil Engineering)

Experience	Chairman cum Managing Director (2013-2019) in NBCC (India) Ltd. At various position in NBCC (1985-2013)
No. of Shares held in Company	NIL
Terms & condition of Re-appointment	Independent Director for 1st term of appointment from 19th October 2022 till 18th October 2023
Remuneration sought to be paid / last Drawn (including Sitting fees) Date of first appointment on the	₹ 7 Lacs (including sitting fees and commission)
Board	19th October 2022
Relationship with Another Director/ KMP/Manager	None
Number of meetings of the Board Attended during the year	As mentioned in the Corporate Governance Report
Directorships, in other companies	**Listed/Unlisted Public Companies** Bharat Aluminium Company Limited Bergers Paints India Limited Welspun Enterprises Limited Universal MEP Projects & Engineering Services Limited Calcom Cement India Limited Vinay Cement Limited **Private Companies** SpaceMantra Private Limited Durgay Infrastructure Projects Private Limited
Committee Membership/ Chairmanship of other Companies	**Member in Audit Committee** Universal MEP Projects & Engineering Services Limited Berger Paints India Limited Calcom Cement India Limited Vinay Cement India Limited **Member in Nomination & Remuneration Committee** Berger Paints India Limited Welspun Enterprise Limited Calcom Cement India Limited Vinay Cement India Limited **Member in Corporate Social Responsibility Committee** Berger Paints India Limited Bharat Aluminium Co. Limited **Member in Risk Management Committee** Welspun Enterprise Limited

BHARAT ALUMINIUM CO. LTD. KORBA

Board's Report

Dear Members,

Your Directors have pleasure in presenting the 57th Annual Report together with the Audited Financial Statements of your Company for the financial year ended March 31, 2023.

FINANCIAL HIGHLIGHTS

The Company's financial performance for the financial year ended 31st March 2023 is summarised below:

₹ Crore

Particulars	FY 23	FY 22
Turnover	**13,059**	**13,607**
EBITDA	**713**	**4,416**
Depreciation	625	570
Other income (net of expenses)	(101)	(153)
Operating profit before finance cost	207	3,999
Finance cost	134	229
Exceptional Item	-	215
Profit/(loss) before tax	**73**	**3,556**
Tax Expense	31	820
Profit/(loss) after tax	**42**	**2,736**
Other comprehensive income/(loss)	33	(17)
Total comprehensive income/(loss)	**75**	**2,720**
Paid up Equity Share Capital	221	221
Opening reserves	**7,451**	**4,732**
Debenture redemption reserve	-	-
Capital reserve	9	9
Other free reserves	7,442	4,722
Transfer to DRR from free reserves	-	-
Other receipts in free reserves	-	-
Closing reserves	**7,527**	**7,451**
Debenture redemption reserve	-	-
Capital reserve	9	9
Other free reserves	7,517	7,442

There are no material changes and commitments affecting the financial position of the Company between the end of the financial year and the date of this report.

1. OVERVIEW AND STATE OF THE COMPANY'S AFFAIRS

The Financial and Operational highlights during FY 23 are as under:

Financial

a. During FY 23, revenue from operations reduced to ₹ 13,059 Crore as against ₹ 13,607 Crore in the previous year - a reduction of 4%.

b. EBITDA reduced to ₹ 731 Cr.

c. Cost of goods sold as a percentage to revenue from operations increased to 85% as against 58 % in the previous year.

d. The Profit before Tax for the current year is ~₹ 73 Cr against a profit of ₹ 3,556 Cr in the previous year.

e. Finance Cost for the current year is ₹ 134 Cr against ₹ 229 Cr in FY 22- a reduction of 53%.

f. Loan of ₹ 520 Cr repaid during FY 23.

Operational

Highest Ever Domestic Sales from BALCO of 376kt (Total Sales: 564kt, Export Sales: 188kt)

Sales & Dispatch:

- First time ever in BALCO'S history achieved "Zero FG Closing Stock"
- In FY 23 every month achieved lowest ever Closing Stock in BALCO'S history
- Highest ever domestic YTD sales of 376kt
- Highest VAP Sales of 49.95% in last 5 years
- Highest ever PFA sales of 71.6kt
- Highest monthly RP sales of 3.2kt in FY 23
- Highest WR sales of 171kt in last 4 years
- Highest monthly WR sales of 16.5kt in FY 23
- Best Domestic (66.64%) of Export (33.36%) ratio in last 5 years.
- Sales & Dispatch: ZERO closing stock (Previous best: 304 Mt in FY 22)

Volume & Specifics:

- FLA: Highest ever annual Alloy ingot production of 71.5 kt (Previous best 57kt in FY 22)
- FLA: Highest ever Alloy rod production of 7.72 kt in a year (Previous best of 3.6 kt in FY 20)
- FLA: Highest ever EC ingot production of 254.6 KT (FY 23) in CH3 (Previous best of 226 KT)
- FLA: Highest ever HRC production of 10.8 kt in a year (FY 23) (Previous best 9.8 kt in FY 22)
- FLA: Highest ever VAP production of 50.22 % (Previous best 50.00 % in FY 19)
- Potlines: Highest ever Pot life of 2,053 days (Previous best: 1,851 in FY 22)
- Potlines: Best ever operating current in Potlines: 335.7 KA and Potline-2: 342.4 KA in a year
- Potlines: Lowest ever Net Carbon consumption in Potline-2: 416 kg/Mt in a year
- Potlines: Lowest ever specific power consumption of 13,817 kwh/Mt and Aux. power consumption of 480 Kwh/Mt in Potline-2 in a year
- Potlines: Highest ever SPL selloff: 21,721 MT in a year
- Potlines: Highest ever PTM availability in Potline-1: 95.20 % in a year
- Metal intake capability increased from 973 MT (FY 22) per day to 1,138 MT (FY 23). This helped us to minimize manual sow casting approx. 5,000 MT per month. Approx $ 12 savings per MT. Yearly savings approx. ₹ 5.50 Cr.

Quality:

- Carbon: Highest ever CRR in Baked Anode: 91.50% in FY 23 (Previous best 91.37% in FY 18)
- FLA: Lowest ever wire rod rejection of 0.17% in FY 23 from 0.25% in FY 22
- FLA: Lowest ever melt loss of 0.33% in FY 23 in CH-3 from 0.34% in FY 22.
- FLA: Lowest ever melt loss of 1.02% in AlSi

Power Operations:

- Highest ever ash utilization 175%
- Itinerary towards Green Aluminium 546 MU RE power purchased in FY 23
- Reopening of Chotia Mines step for sustainable coal sourcing
- Equipment reliability improvement after replacement of unit#3 135 MW generator stator and unit #4 300 MW Turbine HIP rotor improve unit availability by 2.10%
- Biomass co-firing successfully implemented in CPP 540 MW (1% consumption rate) and successful pilot trial done in 1200 MW unit.
- Simultaneous export & import approval was taken and implemented successfully in BALCO Complex
- Digitization Artificial Intelligence based Auto HSSE Monitoring
- Oil Balancing through Digitalization tracking of lube oil consumption and recovery of used oil
- Digitization Materialization planning of coal based on source of coal supply, unloading and tracking system

2. EXPORTS

The aluminium exports during the FY 23 are 1,88,260 MT generating revenue of ₹ 4,075.28 Cr. (including export incentive of ₹ 52.67 Cr.).

3. CONTRIBUTION TO GOVERNMENT EX-CHEQUER

During the FY 23, Company has contributed ₹ 4,113 Cr. to State and Central Government treasury as compared to contribution of ₹ 3,536 Crore made in FY 22.

BHARAT ALUMINIUM CO. LTD. ★ KORBA ★

4. TRANSFER TO RESERVE

The Company has transferred NIL to General Reserves for the financial year ended on 31st March 2023. An amount of ₹ 7,527 Cr is retained in the retained earnings.

5. DIVIDEND

Your Directors wish to conserve resources for future expansion and growth of the Company. The Board of Directors of your company has decided that it would be prudent, not to recommend any Dividend for the financial year under review.

6. CREDIT RATING

Your Company's credit rating is AA (pronounced as ICRA double A) Outlook Stable for the long-term borrowing of the Company, rated by ICRA Limited. The credit rating from CRISIL Ratings for long-term borrowing is AA, Outlook-Negative. The details of the credit rating is available on the website at: https://www.balcoindia.com/

7. HEALTH, SAFETY & ENVIRONMENT

In line with the principle of sustainable development, the Company continues to focus on Health, Safety & Environment as one of its focus areas of business. The Company is certified by IRQS for IATF 16949:2016 and by Bureau Veritas for ISO 9001:2015, ISO 14001: 2015 and ISO 50001:2018 and ISO 45001: 2018 certifications.

The Key highlights for the year 2022-23 are as under:

Safety

- Merger of factories licenses done for 8 licenses into 2 (Metal & Power business) licenses.
- Highest reporting of Hazard (1,22,614) & Near-miss (10,266)
- Vihaan-CRM program launched 1st time from BALCO in Sept-22. Out of 11 identified fatal potential risks, 3 critical risks (Work at height, Isolation & Vehicle & Driving) initiated at BALCO for which 3 days workshops were conducted for each module.
- 90 Days Transformation journey initiated for standardizing machine guarding across Balco.
- Suraksha Samvaad- BALCO senior management along with business senior management interacted with all shop floor employees to them for "Right to refuse unsafe work"
- Digital zebra crossing & Access Control has been provided at various locations in Rodding shop, GAP, Cast House
- Use of hard barricading, instead of usage of soft barricading with reflectors has to be ensured
- CFT Electrical Safety Audit conducted across BALCO.
- Solar type-high mast installed in ash dyke area
- 22 Numbers of vehicle reversing points were eliminated across the plant
- 3rd Party Safety Audit as per IS 14489:2018 done by M/s. DEKRA
- VRD (Voltage reduce device) is installed on welding machine to reduce the voltage on holder when it is ideal
- Workshop conducted with 40 BP safety team for preventing the Incident at workplace
- JCC workshop conducted by DSS consultant, total 29 people participated.
- Launched two CRM modules Entanglement in moving & Rotating Equipment and Loss of Containment of Molten Metal across BALCO.

Health

- For further improvement in OH, the Red Zone survey conducted across BALCO by a competent third party. Qualitative report received.
- 118 nos. of Fluoride Testing done for Business Partner & BALCO Employees of Potline for identification of Skeletal Fluorosis through BALCO Medical Center, Raipur
- Occupational Health Management: Qualitative survey done for categorization of OH risks.

Sustainability

- Celebrated Greener Birthdays for September, October, November, December, and January born.
- Sustainability Catalysts is Launched for VSAP FY24.
- Earth Hour celebrated by switching off lights for 30 mins and saved 1.63 TCO_2.
- PPE Management guidelines released on Global Recycling Day.

Environment

- Environment Clearance for Expansion of smelter from 5.75 To 10.85 LTPA has been granted by MoEFCC during the month of April 2022.
- Consent To Establish for Expansion of smelter from 5.75 To 10.85 LTPA has been granted by CECB during the month of June 2022.
- Renewed consent to operate for 540MW and 1200MW obtained and valid till 31st May 2023 including Consent for DG set.
- Renewal of BMW Authorization for BALCO Hospital obtained and valid till 16.01.2025.
- Celebrated Bio-diversity Week
- 175 % fly ash utilization has been achieved during FY 23.
- Reclamation of SECL Mines (Manikpur) has been started.
- A weeklong celebration was organized on the occasion of World Environment Day 2022.
- CPCB permission was received for trial run for alternate use of Shot blast dust through local entrepreneurs engaged with BALCO. Trial run was completed.
- Statutory returns like Ash compliance report, Hazardous waste returns, BMW Returns, battery returns and six-monthly compliance reports has been submitted to authorities timely.
- 4,754 MT Bio-mass co-fired in Power Plant.
- GHG emissions in FY 23 achieved 16.29 TCO_2/T against target 17.02 TCO_2/T.
- Water bodies renovation - 100+ community ponds renovated increasing water holding capacity by 1,23,000+ CuM of water.
- Consent to Operate (CTO) for Chotia-II valid up to 30.06.2023 and permission for restarting of mining operations have been received from CECB.
- Renewal of CTO for Metal Area received on 29th December 2022 valid till 31st December 2023.
- Biodiversity Assessment completed by ERM for NNL during 14-18 February 2023.
- Environmental Risk Assessment conducted by ERM during 17-20 January 2023.
- 1,23,562 saplings planted during FY 23.
- Renewal of CTO for Dross processing Unit (Runaya -Stage 1&2) received on 27th January 2023 valid till 31st January 2024.
- First of its kind 3-days training cum workshop conducted by REIA on Environment Management in industries (42 employees including business partner employees attended the workshop.
- 546.29 MU RE Power procured in FY 23 (7.12% of Smelter power consumption).
- 21,721 MT of SPL Carbon sold against the generation of 7,808 MT (Utilization of 278%) in FY 23.

Awards won in area of Safety, Health and Environment include-

- Kalinga Safety Excellence Award- Silver Category 2022 for Metal Division
- BALCO certified as Silver through CII GreenCo Assessment
- CII Platinum winner for Digitalisation in HSES
- Won the Frost and Sullivan & TERI Sustainability assessment award for Best Sustainable Factory 2022
- Winner of Council of Enviro Excellence (CEE) - Environmental Excellence Award 2022 for excellence in Environmental Sustainability in Fly Ash Utilization/ Disposal
- Winner under Environment Protection Category by GREENTECH Foundation.
- "Energy And Environment Foundation Global Road Safety Award 2023" in Gold Category
- Gold award in Sustainability category in OHSSAI 7th Annual HSE & Sustainability

8. INFORMATION TECHNOLOGY & COMMUNICATION

- **Suraksha Sankalp Portal: -**

  The idea was to have an integrated portal for all the safety meetings with external partners (DuPont) and internal committees' meetings. A web portal was created with different integrated functions and sub portals which are as follows:

  - **Sankalp Safety Engagements** (Leading Indicators Tracking): Having capabilities to create committees and add members, schedule meetings, track MOM's, track attendance of all the committees and members, track meeting effectiveness, add DSS (DuPont Safety recommendations) and observations, reporting incidents, assigning incidents to members, track progress on the assigned tasks, track MOM's, add MOM's and track them with rich integrated features such as auto mail triggers and reminders.

- **Suraksha Kutumb** (Talk about Anchors, Mentees & Meetings): This portal is used to create anchors and mentees, schedule meetings, track MOM's, track attendance of all the anchors and mentees, raise requests, reporting incidents, assigning incidents to mentees, track progress on the assigned tasks, track MOM's, add MOM's and track them with integrated features such as auto mail triggers and reminders. More than 650 anchors and 6500 mentees are covered and engaged in the Suraksha Kutumb portal for creating awareness of the safety measures.

- **Suraksha Sankalp** (Talk about Chairman, Members & Meetings): It is used to for chairman, members, and their meetings. They can create requests for committees and assign tasks and review them. anchors and mentees, schedule meetings, track MOM's, track attendance of all the anchors and mentees, raise requests, reporting incidents, assigning incidents to mentees, track progress on the assigned tasks, track MOM's, add MOM's and track them with integrated features such as auto mail triggers and reminders.

- **Robotic Process Automation for Marketing: -** To make easier Marketing Through Digitalization

  In the Marketing section using this Digital System will get the following benefits- Faster Planning & Execution, Customer Specific Tracking, Man Hour Optimization, it will be faster in decision making, improvement on System Driven Process, and Elimination on manual intervention.

  Features of Robotic Process Automation For Marketing

  In this initiative lot of following features are there which will be helpful for our organization- PDS (Production, Dispatch, & Sales) Tracker, FG Ageing Tracker, RP Stock with customer order allocation tracker, Daily Manual Sales Dispatch & Stock Automation, Customer wise specific handover tracker for PFA & WR, Customer wise specific handover tracker – Rolled Product, Day wise handover tracker, Customer wise sales tracker and Customer specific stock details tracker.

- **Robotic Process Automation for Commercial: -** Tracking of Saving Against LPO

  This Digital intervention in commercial will achieve the following benefits- Commercial savings with respect to LPO/Budget allocated, Faster execution of POs, Consolidation of similar PRs, better tracking of buyer efficiency, Man-hour optimization, Real-time data availability, Efficient forecasting, Improved governance.

  Features of Robotic Process Automation for Commercial

  In Robotic Process Automation For Commercial following features are there- Tracking of Savings against LPO, Tracking of PR to PO Lead Time for better optimization, Number of POs Punched-Per Buyer wise / Department wise, Number of Amendments done Buyer wise/department wise, New Vendors Induced tracking, Vendors Rationalization tracking, Number of Auctions: Category wise, Tracker on Value/Vs Saving, Ranking 1-5 of vendors with Maximum PO, Number of Open/Released PR per buyer, and Payment Status-Category wise.

- **Go-Live-Artificial Intelligence Based Auto HSSE Monitoring:** - Safety Enhancement with Zero Harm

  As a step closer towards digitalization goals of BALCO we have completed this project of Artificial Intelligence Based HSSE Monitoring. It is a real-world manifestation of the new construct of intelligent enterprise, centred upon one of the most common shared beliefs across all the enterprises on the globe, "Goal Zero". Achieve end-to-end safety compliance through a robust and most comprehensive pre-trained AI models. In this solution, continuous monitoring of unsafe activities is done on real time basis through integration of existing IP cameras into a centralized AI data lake.

  Achieve Goal Zero Injury through strategic interventions & occupational safety based on AI enabled insights.

  Leverage one of the most comprehensive AI models created on cameras, sensors, edge devices, or drone data to manage safety risks in daily operations, construction projects, shutdowns, and turnarounds. Empower teams with real-time asset insights for intelligent decision-making.

  - Automate safety standards such as OSHA, IOGP 577, COHS, and many others.
  - Bring a sustainable behavioural change through tracking of multiple hazards.
  - Achieve 360° coverage, including hard to reach areas.
  - Detect exceptional conditions or threats in real-time.

  Features:

  - Reporting of daily observations.
  - Risk Identification associated with each violation.
  - BU wise: Monthly reports of trends.
  - Leverage design for large-scale data consumption.
  - Track of all actions on recommendations through user friendly enterprise dashboard.
  - Get weekly analytics segmented across your entire site.
  - Achieve 100% traceability and referencing of all safety events.

9. HUMAN RESOURCES, TRAINING AND DEVELOPMENT

The Company believes that the quality of its employees is the key to its success and is committed to providing necessary human resource development and training opportunities to equip employees with additional skills to enable them to adapt to contemporary technological advancements.

In FY 23, total 20,470 training man-days were covered in 742 comprehensive training interventions, with a participation of 8,234 employees against the targeted training man-days 12,127.

To familiarize with policies, its adherence, actions on non-compliance of Code of Conduct and reporting mechanism for Whistle Blowing to ensure utmost ethical behavior, corporate governance and to make employees aware about Human Rights in the Organizational functioning, an Online Awareness Module of Mandatory Sessions on 'Code of Conduct Business Ethics & WBP, ABAC, Anti-Trust Guidance Laws and Human Rights' was launched through E-Learning Portal, which has coverage of 100% as on date.

To educate employees on the various aspects of POSH law, an online E-Learning module was launched in the month of January 2023.

10. INDUSTRY OUTLOOK

Global Trade Scenario

Global Aluminium market went into downturn after March 2022 which was fueled by the economic slowdown all over the globe, Russia - Ukraine war, and sanctions on Russia & Russian metal by various countries. Global premiums also decreased during the same period as the supply always remained equivalent or greater than global demand.

The demand decreased in Europe & USA, as the increased energy prices resulted in increased smelting costs. Europe faced curtailment of Aluminium smelting capacity of over 1 million tons from 2021 to December 2022. High energy prices also affected demand in other major Aluminium consuming sectors (like transport, construction & electrical). Heatwaves in China also resulted in curtailment of smelting capacity majorly in Yunnan province.

The global market is showing signs of rapid transformation towards Green Aluminium as major economies like USA is imposing taxes on based on carbon emission levels and Europe is imposing CBAM (Carbon Border Adjustment Mechanism).

Domestic Market Scenario

Indian Aluminium consumption has increased by 9% Y-o-Y basis. In FY 23, the production of three primary Indian producers grew by 2% i.e. 65kt as compared to FY 22. While the total primary aluminium demand increased by 21%. Indian demand performed strongly in March 2023 despite recent economic difficulties and has so far remained resilient. Retail inflation decreased marginally in February from January to 6.4% from 6.52%, but it continued to be above the Reserve Bank of India's (RBI) tolerance level for the second month in a row.

In spite of rising costs and interest rates, demand for real estate remained stable. Housing sales in eight major Indian cities totaled 79,126 units in the first quarter of 2023, a 1% Y-o-Y increase. In contrast, the residential market saw a significantly stronger supply with 87,299 units released, up 12% Y-o-Y. This is in spite of a 5-7% Y-o-Y increase in housing prices and an increase in home loan interest rates to 9% from 6.6% in 2022.

In India, vehicle registrations surpassed pre-Covid-19 levels in March, rising to 2 million units from 1.8 million in March 2019. The holiday demand and pre-purchasing before the implementation of tighter fuel emission requirements contributed to the increase in sales. These regulations, which became effective on 1 April, require automakers to add an emissions-checking device to their vehicles, increasing the cost of production. Major Manufacturers, such as Maruti Suzuki Ltd., Hero MotoCorp Ltd., and Tata Motors Ltd., have all recently announced price rises to compensate the increased costs.

Price Drivers

FY 23 experienced a downfall in prices in H1 and the LME maintained a range of 2200 to 2400 in H2.

The Europe and US premiums have registered drastic fall during first three-quarters of FY 23. Global ingot premiums have shown recovery in Q4 whereas for billet premiums any such recovery is still awaited.

Although energy prices have peaked out in Europe, but the smelter curtailment still continued there. This is because the prices were still higher than previous levels of 2020-2021. China has also observed smelter curtailment in Yunnan province this is majorly due to heatwaves in the region unlike Europe where primary reason of curtailment was energy prices. No curtailment was registered in India.

Product and Customer

Balco's integrated smelter in India with 0.58 MTPA installed capacity with primary domestic market share of 23% FY 23 as compared to 22% in FY 22. Balco's product range includes Aluminium Ingots, Primary Foundry Alloys, Wire Rods, Alloy Rods, ALSI and Rolled Products. The company is poised to accelerate its reach to automotive downstream industry in India through variety of its value-added products portfolio, which is on increasing trend as days pass by.

For this financial year, 49% of the company's total sales were to the Indian markets, specifically for use in the electrical and transportation industries. About 70% of this domestic sale comprised of Value-Added Product portfolio of Vedanta Ltd. The company sold an overall of 50% of its total sales as Value Added Product in this financial year.

11. BOARD OF DIRECTORS & KEY MANAGERIAL PERSONNEL

A) Changes in Directors and KMP

Mr. Arun Todarwal (DIN-00020916) ceased as an Independent Director of the Company upon his resignation on 30th June 2022.

During the year, there was a change in the designation of Mr. Sushil Kumar Roongta (DIN-00309302), who was appointed as Independent Director and Chairman of the Company, w.e.f. 14th July 2022, for a period of 2 years, i.e., till 13th July 2024.

Mr. Abhijit Pati (DIN-08457230) ceased to be the Whole Time Director and Chief Executive Officer of the Company pursuant to his resignation on 15th February 2023.

During the year, on the recommendation of the Nomination and Remuneration Committee, the Board of Directors:

i. Took note of the resignation of Mr. Abhijit Pati (DIN-08457230) from the office of Chief Executive Officer and Whole Time Director w.e.f. 15th February 2023.

ii. Appointed Mr. Anoop Kumar Mittal (DIN-05177010) as an Additional Independent Director w.e.f. 19th October 2022 for a period of 1 year, i.e., 18th October 2023, subject to the approval of the Shareholders in the forthcoming Annual General Meeting.

iii. Appointed Mr. Rajesh Kumar (DIN-09586370) as Additional Director, designated as Chief Executive Officer and Whole Time Director of the Company, w.e.f. 15th February 2023 subject to the approval of the Shareholders in the forthcoming Annual General Meeting.

The Company has received declarations from all the Independent Directors of the Company confirming that they meet with the criteria of independence as prescribed in Section 149(6) of the Act and there has been no change in the circumstances which may affect their status as Independent Director.

During the year, the Board took note of the below changes in Government Nominee Director:

i. Resignation of Mr. Shakil Alam (DIN-09272903) w.e.f. 19th November 2022

ii. Appointment of Ms. Farida M. Naik (DIN-07612050) w.e.f. 21st November 2022

iii. Appointment of Mr. Sanjeev Verma (DIN-08836996) w.e.f. 26th December 2022

iv. Resignation of Mr. Mustaq Ahmad (DIN-08630622) w.e.f. 27th March 2023

B) Directors liable to retiring by rotation.

In accordance with the provisions of Section 152(6) of the Companies Act, 2013 and the Company's Articles of Association Mr. Tarun Jain (DIN- 00006843), Director is liable to retire by rotation at the ensuing Annual General Meeting. The Board of Directors on the recommendation of the Nomination and Remuneration Committee has recommended his re-appointment.

Mr. Tarun Jain has given required declaration under Companies Act, 2013. Brief resume of the Director being reappointed forms part of the notice of ensuing Annual General Meeting. The Board/ . Committee recommend the reappointment of Mr. Tarun Jain.

The Nomination and Remuneration Policy of the Company is attached herewith as **Annexure -E** and is also available on the Company's website at: https://www.balcoindia.com/sustainability/policies-standards/sustainability-policies/

C) Key Managerial Personnel

The following have been designated as the Key Managerial Personnel of the Company pursuant to Sections 2(51) and 203 of the Companies Act, 2013 read with the Companies (Appointment and Remuneration of Managerial Personnel) Rules, 2014.

Mr. Rajesh Kumar*	- Chief Executive Officer & Whole Time Director
Mr. Amit Gupta	- Chief Financial Officer
Mr. Prateek Jain	- Company Secretary

*Mr. Abhijit Pati resigned as CEO on 15th February 2023 and Mr. Rajesh Kumar was appointed as CEO w.e.f. 15th February 2023.

D) Separate Meeting of Independent Directors

The Independent Directors met on 22nd March 2023, without the attendance of Non-Independent Directors and members of the Management. The Independent Directors reviewed the performance of Non-Independent Directors and the Board as a whole, the performance of the Chairman of the Company, taking into account the views of Executive Directors and Non-Executive Directors and assessed the quality, quantity, and timeliness of flow of information between the Company Management and the Board that is necessary for the Board to effectively and reasonably perform their duties.

E) Declaration of Independent Directors u/s 149

All the Independent Directors of the Company have given their respective declaration / disclosures under Section 149(7) of the Companies Act 2013 read with Companies (Appointment and Qualification of Directors) Rules 2014, and have confirmed that they fulfil the independence criteria as specified under section 149(6) of the Act, and have also confirmed that they are not aware of any circumstance or situation, which exist or may be reasonably anticipated, that could impair or impact their ability to discharge their duties with an objective independent judgment and without any external influence.

Further, the Board after taking these declarations/ disclosures on record and acknowledging the veracity of the same, concluded that the Independent Directors are persons of integrity and possess the relevant expertise and experience to qualify as Independent Directors of the Company and are Independent of the Management.

F) Familiarisation Programmes for Board Members

Senior management personnel of the Company make presentations to the Board Members on a periodical basis, briefing them on the operations of the Company, plans, strategy, risks involved, new initiatives, etc., and seek their opinions and suggestions on the same.

In addition, the Directors are briefed on their specific responsibilities and duties that may arise from time to time. Any new Director who joins the Board is presented with a brief background of the Company, its operations and is informed of the important policies of the Company including the Code of Conduct for Directors and Senior Management Personnel, Code of Conduct, Policy on Related Party Transactions, Policy on Remuneration, Whistleblower policy, Risk Management Policy, Policy on Anti-Corruption and Anti-Bribery, Policy on Prevention of Sexual Harassment and Corporate Social Responsibility policy.

The Statutory Auditors, Internal Auditors and Senior Management of the Company make presentations to the Board of Directors with regard to regulatory changes from time to time while approving the Financial Results.

G) Number of Meetings of the Board

The Board met 7 (seven) times during the financial year 2022-23 on 21st April 2022, 21st July 2022, 19th October 2022, 22nd November 2022, 16th January 2023, 02nd February 2023 and 15th February 2023. The maximum interval between any two meetings did not exceed 120 days. The details of board meetings and the attendance of the Directors are provided in the Corporate Governance Report which forms part of this Report.

12. DIRECTOR RESPONSIBILITY STATEMENT

Pursuant to Section 134(5) of the Companies Act, 2013, Directors hereby confirm that: -

(a) In the preparation of the annual accounts, the applicable accounting standards have been followed along with proper explanation relating to material departures;

(b) They have selected such accounting policies and applied them consistently and made judgments and estimates that are reasonable and prudent so as to give a true and fair view of the state of affairs of the company at the end of the financial year and of the profit and loss of the company for that period;

(c) They have taken proper and sufficient care for the maintenance of adequate accounting records in accordance with the provisions of this Act for safeguarding the assets of the company and for preventing and detecting fraud and other irregularities;

(d) They have prepared the annual accounts on a going concern basis;

(e) They have laid down internal financial controls to be followed by the company and that such internal financial controls are adequate and were operating effectively; and

(f) They have devised proper systems to ensure compliance with the provisions of all applicable laws and that such systems were adequate and operating effectively.

13. COMPLIANCE WITH SECRETARIAL STANDARDS

The Company is following the applicable Secretarial Standards issued by the Institute of Company Secretaries of India and approved by the Central Government under Section 118(10) of the Act.

14. INTERNAL FINANCIAL CONTROLS

Internal financial control over financial reporting have been designed to provide reasonable assurance with regards to recording and providing reliable financial information and complying with applicable accounting standards. These controls are reviewed periodically, and the Company continuously tries to automate these controls to increase its reliability. In line with best practices, the Audit Committee and the Board review these internal control systems to ensure they remain effective and are achieving their intended purpose.

The systems/frameworks include proper delegation of authority, operating philosophies, policies and procedures, effective IT systems aligned to business requirements, an internal audit framework, an ethics framework, a risk management framework, and adequate segregation of duties to ensure an acceptable level of risk. Documented controls are in place for business processes and IT general controls. Key controls are tested by entities to assure that these are operating effectively. Besides, the Company has also adopted an SAP GRC (Governance, Risk and Compliance) framework to strengthen the internal control and segregation of duties/ access.

The Company has documented Standard Operating Procedures (SOP) for procurement, project/ expansion management capital expenditure, human resources, sales and marketing, finance, treasury, compliance, Health, Safety and Environment (HSE), and manufacturing.

The Group's internal audit activity is managed through the Management Assurance Services ('MAS') function. It is an important element of the overall process by which the Audit Committee and the Board obtain assurance of the effectiveness of relevant internal controls. The scope of work, authority and resources of MAS are regularly reviewed by the Audit Committee. Besides, its work is supported by the services of leading international accountancy firms.

The Company has a well-defined and documented delegation of authority with specified limits for approval of expenditure, both capital and revenue. The Company has workflows to ensure adherence to the delegation of authority. The Company has a commercial manual that lays down certain principles and procedures that are to be followed in commercial & purchase contracts transactions across the Company. The SSC verifies compliance to the commercial manual before clearing the payments.

The Company's system of internal audit includes monthly physical verification of inventory, a monthly review of accounts and a quarterly review of critical business processes. To enhance internal controls, the internal audit follows a stringent grading mechanism, focussing on the implementation of recommendations of internal auditors. The internal auditors make periodic presentations on audit observations, including the status of follow-up to the Audit Committee.

In addition, as part of their role, the Board and its Committees routinely monitor the Company's material business risks. Due to the limitations inherent in any risk management system, the process for identifying, evaluating, and managing the material business risks is designed to manage, rather than eliminate risk. Besides, it was created to provide reasonable, but not absolute assurance against material misstatement or loss.

Your Company has in place adequate internal financial controls with reference to the Financial Statements. Such controls have been assessed during the year taking into consideration the essential components of internal controls stated in the Guidance Note on Audit of Internal Financial Controls Over Financial Reporting issued by The Institute of Chartered Accountants of India.

Based on the information provided, nothing material has come to the attention of the Directors to indicate that any material breakdown in the function of these controls, procedures or systems occurred during the year under review. There have been no significant changes in the Company's internal financial controls during the year that have materially affected or are reasonably likely to materially affect its internal financial controls.

There are inherent limitations to the effectiveness of any system of disclosure controls and procedures, including the possibility of human error and the circumvention or overriding of the controls and procedures. Accordingly, even effective disclosure controls and procedures can only provide reasonable assurance of achieving their objectives. Moreover, in the design and evaluation of the Company's disclosure controls and procedures, the management was required to apply its judgement in evaluating the cost-benefit relationship of possible controls and procedures. Further, the Audit Committee annually evaluates the internal financial controls for ensuring that the Company has implemented robust systems/ framework of internal financial controls viz. the policies and procedures adopted by the Company for ensuring the orderly and efficient conduct of its business, including adherence to Company's policies, the safeguarding of its assets, the prevention and detection of frauds and errors, the accuracy and completeness of the accounting records, and the timely preparation of reliable financial information.

15. AUDITORS' APPOINTMENT AND AUDITOR'S REPORT:

(A) STATUTORY AUDITORS

M/s S. R. Batliboi & Co., LLP, (Firm Registration Number 301300E) Chartered Accountants were appointed as Statutory Auditors of the Company for a term of 5(five) consecutive years at the Annual General Meeting ("AGM") of the Company held on Friday 17th September 2021. The Auditors have confirmed that they are not disqualified under section 141 of the Act from continuing as Auditors of the Company.

The observations made in the Auditor's Report are dealt with separately in the notes to the Profit and Loss Account and the Balance Sheet. These are self-explanatory and do not call for any further comments.

(B) SECRETARIAL AUDITOR

Pursuant to the provision of Section 204 of the Companies Act 2013 and Companies (Appointment and Remuneration of Managerial Person) Rules 2014, confirmation eligibility and willingness to act as Secretarial Auditor of the Company has been received from M/s CS Nitin Agrawal & Co. to conduct Secretarial Audit for FY 24. The Audit Committee recommends to the Board their appointment for FY 24.

Pursuant to the provision of Section 204 of Companies Act 2013 and Companies (Appointment and Remuneration of Managerial Person) Rules 2014, the Company had appointed M/s Vinod Kothari & Company to undertake the Company's Secretarial Audit for FY 23 at its meeting held on 21st April 2022.

The Report of the Secretarial Audit for FY 23 in Form MR-3 is annexed herewith as **Annexure B.**

(C) COST AUDITOR

Pursuant to provisions of Section 148 of the Act read with the Companies (Cost Records and Audit) Amendment Rules, 2014, the Board of Directors of your Company have on the recommendation of the Audit Committee, appointed M/s R J Goel & Co., Cost Accountants as Cost Auditors, to conduct the cost audit of your Company for the financial year ending 31st March 2024, at a remuneration as mentioned in the Notice convening the Annual General Meeting. As required under the Act, the remuneration payable to the cost auditor is required to be placed before the Members in a general meeting for their ratification. Accordingly, a resolution seeking member's ratification for the remuneration payable to Cost Auditors forms part of the Notice of the ensuing Annual General Meeting.

Confirmation of eligibility and willingness to act as Cost Auditor of Company has been received from M/s R J Goel & Co., to conduct Cost Audit for FY 24. The Audit Committee recommends to the Board their re-appointment for FY 24.

The Company maintains necessary cost records as specified by Central Government under sub-section 1 of Section 148 of the Act read with the Companies (Cost Records and Audit) Rules, 2014.

16. CONSERVATION OF ENERGY, TECHNOLOGY ABSORPTION, FOREIGN EXCHANGE EARNING AND OUTGO

Information as required under Section 134 of the Companies Act, 2013, read with Rule 8 of Companies (Accounts) Rules, 2014, viz. a report on conservation of energy, technology absorption, foreign exchange earnings and outgo are given in the **Annexure-A** attached hereto and form part of this report.

17. EMPLOYEE INFORMATION AND RELATED DISCLOSURES

The statement containing particulars of employees as required under Section 197 of the Act read with rule 5(2) of the Companies (Appointment and Remuneration of Managerial Personnel) Rules, 2014, will be provided upon request. In terms of Section 136 of the Act, the Report and Accounts are being sent to the members and others entitled thereto, excluding the information on employees' particulars which is available for inspection by the members at the Registered Office of the Company during business hours on working days of the Company. If any member is interested in obtaining a copy thereof, such member may write to the Company Secretary in this regard.

18. CORPORATE GOVERNANCE

Your Company is committed to maintaining the highest standards of Corporate Governance. A separate report on Corporate Governance, pursuant to SEBI (Listing Obligations and Disclosure Requirements) Regulations, 2015 ('Listing Regulations') forms a part of this annual report.

19. ANNUAL RETURN

Annual Return in Form MGT-7 is available on the Company's website, the web link for the same is https://www.balcoindia.com/

20. PREVENTION OF SEXUAL HARASSMENT AT WORKPLACE

As per the requirements of the Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013 (hereinafter referred to as "Prevention of Sexual Harassment Act"), the Company has formulated a Policy on Prevention of Sexual Harassment at Workplace for prevention, prohibition, and redressal of sexual harassment at workplace and an Internal Complaints Committees has also been set up to redress any such complaints received.

The Company is committed to providing a safe and conducive work environment to all of its employees and associates. The Company periodically conducts sessions for employees across the organization to build awareness about the Policy and the provisions of Prevention of Sexual Harassment Act.

The company has in place a Policy for prevention of Sexual Harassment at the Workplace in line with the requirements of the Sexual Harassment of Women at the Workplace (Prevention, Prohibition & Redressal) Act, 2013. Internal Complaints Committee (ICC) has been set up to redress complaints received regarding sexual harassment. All employees (permanent, contractual, temporary, trainees) are covered under this policy.

Complaints of sexual harassment received during FY23 by the Company were investigated in accordance with the procedures prescribed and adequate steps were taken to resolve them. The following is a summary of sexual harassment complaints received and disposed of during the year:

Number of cases pending as on the beginning of the financial year	Nil
Number of complaints filed during the year	1
Number of complaints disposed off during the year	1
Number of cases pending as on the end of the financial year	Nil

21. RELATED PARTY TRANSACTION

All contracts or arrangements entered by the Company with its related parties during the financial year were in accordance with the provisions of the Companies Act, 2013 and the Securities and Exchange Board of India (Listing Obligations and Disclosure Requirements) Regulations, 2015. All such contracts or arrangements have been approved by the Audit Committee, as applicable. There were no materially significant Related Party Transactions entered into by the Company with Promoters, Directors, Key Managerial Personnel, or other related parties which may have a potential conflict with the interest of the Company. Requisite prior approval of the Audit Committee of the Board of Directors was obtained for Related Party Transactions. All the transactions with the related parties entered into by the Company were in the ordinary course of business and at arm's length. Therefore, disclosure of Related Party Transactions in Form AOC-2 as per the provisions of Section 134(3)(h) and Section 188 of the Companies Act, 2013 read with the Rule 8(2) of the Companies (Accounts) Rules, 2014 is not applicable.

All Related Party Transactions are subjected to independent review by a reputed accounting firm to establish compliance with the requirements of Related Party Transactions under the Companies Act, 2013, and Listing Regulations.

The details of the transactions with the related parties are provided in the accompanying financial statements. There were no related party transactions made during the year required to be disclosed in Form AOC-2.

22. VIGIL MECHANISM

The Company has established a robust Vigil Mechanism and a Whistle-blower policy in accordance with provisions of the Act. Your Company's Whistle Blower Policy encourages Directors and employees to bring to the Company's attention, instances of unethical behaviour, actual or suspected incidents of fraud, or any violation of the Code of Conduct, that could adversely impact your Company's operations, business performance and / or reputation. It is your Company's Policy to ensure that no employee is victimised or harassed for bringing such incidents to the attention of the Company.

As per the whistle-blower policy adopted by the Company, all complaints are reported to Director-Management Assurance who is independent of operating management and businesses.

In line with global practices, dedicated email IDs and centralized database have been created to facilitate receipt of complaints. A 24x7 whistle-blower hotline cum web-based portal is available to report genuine concerns. All employees and stakeholders can register their integrity related concerns either by calling on a toll-free number or by writing on the web-based portal that is managed by a third party. The hotline provides multiple local language options. After the investigation, established cases are brought to Group Ethics Committee for decision-making. Whistle Blower Policy is also posted on the website of the Company.

23. BOARD EVALUATION

The Board adopted a formal mechanism for evaluating its performance as well as that of its committees' and individual Directors, including the Chairman of the Board. The exercise was carried out through a structured evaluation process and it covers various aspects of the Board functioning such as composition of the Board & Committees, experience & competencies, performance of specific duties & obligations, contribution at the meetings and otherwise, independent judgement, governance issues etc. A structured questionnaire was circulated to the Board members in this connection.

As an outcome of the above exercise, it was noted that the Board is functioning as a cohesive body which is well engaged with different perspectives. The Board Members from different backgrounds bring about different complementarities that help Board discussions to be rich and value adding. It was also noted that the Committees are functioning well and besides the Committee's terms of reference as mandated by law, important issues are brought up and discussed in the Committee Meetings.

Outcome of the evaluation exercise:

1. The Board as a whole performed satisfactorily.
2. Independent Directors are rated high in understanding the Company's business and expressing their view during the Board meetings.
3. The Non-Executive Directors scored well in all aspects.
4. Directors rated Executive Director as action oriented and good in implementing Board decisions.
5. Board members rated high to the Chairman in leading the Board effectively.
6. Board members had shown satisfaction in functioning of the Committees.

24. DEPOSIT

During the year under review, your Company has not accepted any deposits from the public falling under Section 73 of the Act read with the Companies (Acceptance of Deposits) Rules, 2014. Thus, as on 31st March 2023, there were no deposits that were unpaid or unclaimed and due for repayment.

25. LOANS AND INVESTMENT U/S 186

Details of Loans, Guarantee and Investments covered under the provisions of Section 186 of the Companies Act, 2013 read with Companies (Meetings of Board and its Powers) Rules, 2014 are given in the notes to Financial Statements. The investments made by your company are duly approved by the Board under the powers conferred to it under Section 179(3) of the Companies Act, 2013, and are within the limits laid down under Section 186 of the said Act.

26. COMMITTEES OF THE BOARD

Currently, there are four Board Committees - the Audit Committee, the Nomination and Remuneration Committee, Corporate Social Responsibility Committee and Finance Standing Committee. Meetings of Board Committees are convened by the respective Committee Chairman. Matters requiring the Board's attention / approval, as emanating from the Board Committee meetings, are placed before the Board with clearance of the Committee Chairman. All the recommendations made by Board Committees during the year were accepted by the Board. Minutes of Board Committee meetings are placed before the Board for its information. The role and composition of these Committees, including the number of meetings held during the financial year and the related attendance, are provided below.

A) Audit Committee:

The Audit Committee of the Board of Directors constituted in compliance of Section 177 of Companies Act, 2013 comprises:

1. Mr. D. D. Jalan - Chairman (Independent Director)
2. Mr. S K Roongta* - Member (Independent Director)
3. Mr. Tarun Jain - Member (Non-Executive Director)

*Mr. Arun Todarwal ceased to be a member of the Audit Committee due to his resignation on 30th June 2022. Mr. S K Roongta was inducted as member of the Audit Committee w.e.f. 14th July 2022.

Besides reviewing the internal audit, control, and procedures, it reviews the unaudited and audited financials of the Company before submission to the Board. The Audit Committee also reviews the implementation of the risk management policy and the whistle-blower policy, and all other activities as stipulated in the Audit Committee Charter.

5 (Five) Audit Committee Meetings were held during the financial year ended 31st March 2023 and the dates on which the Audit Committee Meetings were held are as follows:

21st April 2022; 21st July 2022; 19th October 2022; 16th January 2023 and 02nd February 2023.

The Board has accepted all recommendations of the Audit Committee.

B) Nomination and Remuneration Committee:

The Nomination & Remuneration Committee establishes the principles for the selection of candidates to the Board of Directors, selects candidates for the election or re-election to the Board of Directors and prepares a proposal for the Board of Directors' decision.

In terms of provisions of Section 134(3) (e) of the Companies Act, 2013, the Company has adopted the Nomination and Remuneration Policy.

Composition, names of members and number of meetings held during the year:

In terms of provisions of Section 178 of the Companies Act, 2013, the Company has duly constituted Nomination and Remuneration Committee and as on 31st March 2023, the Nomination & Remuneration Committee comprised of the following Independent Directors & Non-Executive Directors.

1. Mr. D. D. Jalan - Chairman (Independent Director)
2. Mr. Tarun Jain* - Member (Non-Executive Director)
3. Mr. S K Roongta** - Member (Independent Director)

*Mr. Tarun Jain was inducted as member of the Nomination and Remuneration Committee w.e.f. 14th July 2022.

**Mr. Arun Todarwal ceased to be a member of the Nomination and Remuneration Committee due to his resignation on 30th June 2022, post which the Mr. S K Roongta was re-designated as an Independent Director and Chairman of the Board, w.e.f. 14th July 2022.

During the year FY 23, Nomination & Remuneration Committee met 4(four) times i.e., on 21st April 2022, 19th October 2022, 22nd November 2022 and 15th February 2023.

C) Corporate Social Responsibility Committee

In Compliance with Section 135 of the Companies Act, 2013 the company has duly constituted Corporate Social Responsibility (CSR) Committee and as on March 31, 2023, the Committee comprises of following Independent Director, Non-Executive and Executive Director: -

1. Mr. S K Roongta* - Chairman (Independent Director)
2. Mr. A K Mittal** - Member (Independent Director)
3. Mr. Rajesh Kumar*** - Member (CEO and Whole Time Director)
4. Ms. Nirupama Kotru - Member (Government Nominee Director)

*Mr. Arun Todarwal ceased to be the Chairman of the Corporate Social Responsibility Committee due to his resignation on 30th June 2022. Mr. S K Roongta was inducted as the Chairman of the Corporate Social Responsibility Committee w.e.f. 14th July 2022.

**Mr. A K Mittal was inducted as a member of the Committee subsequent to his appointment on 19th October 2022.

***Mr. Abhijit Pati ceased to be a member of the Committee post his resignation as CEO and WTD of the Company. Rajesh Kumar was inducted as a member of the Committee post his appointment as CEO and WTD of the Company w.e.f. 15th February 2023.

The role of CSR Committee includes formulating and recommending to the Board the CSR Policy and activities to be undertaken by the Company, recommending the amount of expenditure to be incurred on CSR activities of the Company, reviewing the performance of Company in the area of CSR.

During FY 23, CSR Committee met 1(one) time on 21st April 2022.

27. CORPORATE SOCIAL RESPONSIBILITY

Your Company's overarching commitment to create significant and sustainable societal value is manifest in its CSR initiatives that embrace the most disadvantaged sections of society, especially in rural India, through economic empowerment based on grassroots capacity building. CSR for Balco is an integral part of its business strategy, which includes creating an organisation intended to maximise wealth of shareholders and establish productive and lasting relationship with all stakeholders, with an emphasis on fulfilling our responsibility towards the entire community and society.

In terms of the provisions of Section 135 of the Act read with Companies (Corporate Social Responsibility Policy) Rules, 2014, the Board of Directors of your Company has constituted a Corporate Social Responsibility ("CSR") Committee which is chaired by Mr. S K Roongta: Independent Director. The other Members of the Committee for the year ending March 31, 2023 were Mr. Rajesh Kumar, Mr. A K Mittal and Ms. Nirupama Kotru.

The role of CSR Committee includes formulating and recommending to the Board the CSR Policy and activities to be undertaken by the Company, recommending the amount of expenditure to be incurred on CSR activities of the Company, reviewing the performance of Company in the area of CSR.

The Corporate Social Responsibility Policy is available on the website of the Company at https://d2z1l9uefzbzxd.cloudfront.net/wp-content/uploads/2023/03/CSR_Policy_19th_May_2021.pdf.

Your Company is a caring corporate citizen and lays significant emphasis on development of the communities around which it operates. During the FY 23 the Company has spent ₹ 24.53 Cr. under Section 135 of the Act on CSR activities.

During the year under review, the Company have undergone an Impact, Need and Baseline Assessment for its CSR Projects. An executive summary of the same forms part of the Annual Report on CSR Activities for FY 23.

28. CORPORATE SOCIAL RESPONSIBILITY PROJECTS

BALCO CSR works towards a larger goal of creating enduring value for the communities. We undertake various community programmes as part of our Corporate Social Responsibility (CSR). The Company has committed to align its CSR activities to the priorities of its neighborhood communities and the national priorities. CSR programs are spread across various thematic areas i.e., Education, Sustainable Livelihoods, Health, Water & Sanitation, Women's Empowerment, Environment & Safety, Sports & Culture, and Community Asset Creation including community development. This year a spent of ₹ 24.53 Cr was made across various CSR programs. Our Initiatives reached out to 123 villages in 4 districts of Chhattisgarh touching lives of 1.27 Lac people.

EDUCATION

Connect

The Project focuses on improving the learning environment in nearby 6 government schools by creating an enabling environment with focus on improving Student's Grades, providing them with Career Counselling and promoting Employee Volunteerism. The Field Instructors teach students in SEMA subjects (Science, English, Mathematics & Accountancy) in these Govt. schools. During the year, 2500 students in 6 Govt. schools benefitted through regular and remedial classes for 9th - 12th class on SEMA subjects, summer & winter camps, science exhibition to work towards practical based teaching-learning, career counselling sessions etc. Also, to build more conducive environment of learning capacity building training organized for Govt. teachers on Teaching pedagogy and practical based models.

SUSTAINABLE LIVELIHOODS

Mor Jal Mor Maati

The project focusses on improving the surface water management with existing resources, augmenting irrigation facilities, equipping farmers with the latest farming techniques, and promoting multi-cropping to reduce the dependence on rainfall. It is also bringing farmers into the fold of Fishery, Goatry and Poultry and ensuring income generation round the year. The program is also institutionalizing farming practices by business model development of Farmer Producer Organization (FPO) - Korba Krushak Unnayan Producer Company Limited (KKUPCL).

During the year, 2400 Farmers benefitted and cumulatively brought 1000 acres of land under secured irrigation in 32 villages. Farmers were supported in different activities like, promotion of modern farming techniques, crop & livelihood diversification, water security and FPO development. Farmers were capacitated through training programs on modern cropping methods and provided with input support of seeds, manure, fencing, soil testing and periodic technical support in the field.

As a result, 70% of farmers adopted modern agriculture techniques like Systematic rice intensification (SRI), Trellis & Organic farming, etc. SRI helped farmers in getting 1.2-1.4 times increase in production hence led to an average increase in income by 30 - 60% and reduction in cost of cultivation by 60%. 18% of the farmers are engaged in Livelihood Diversification activities like, Lac Cultivation, Poultry, Goatry and Horticulture which creates an additional income.

21 water harvesting structures (19 farm & 2 community ponds) and created 20 dug wells generating cumulative water storage capacity of 25,000+ CuM. This has increased the water security & recharge and is promoting multiple cropping in the region.

Drinking water facilities created at 4 locations through installation Solar powered pumps benefitting over 240 families. The facilities have enhanced the

BHARAT ALUMINIUM CO. LTD. ★ KORBA ★ balco

availability of drinking water in these areas which had been facing scarcity of drinking water. One out of the four installed through convergence of ₹ 2.6 Lacs.

FPO with 800 farmers is having an equity share capital of ₹ 7 Lacs. During the year, it has established its input & output business centers for nearby farmers. The annual turnover for the FPO was at ₹ 4.78 Lacs with a Gross Profit of ₹ 1.80 Lacs.

Vedanta Agriculture Resource Centre (One stop solution for farming needs) came up with multiple innovations like Zero Energy Cooling chambers for storing vegetables and Azola unit which are now educating and promoting farmers to adopt the same.

Project was able to converge and leverage a total of ₹ 1.42 Cr through various Govt schemes like Pradhan Mantri Krishi Sinchayee Yojana, Rashtriya Krishi Vikas Yojana, Chhattisgarh State Saur Sujla Scheme and ₹ 1.41 Cr through community contribution in activities like construction of farm ponds, dug well, poultry & Goatry sheds, soil bunding, SRI and irrigation equipment, etc.

Vedanta Skill School

The project focuses on imparting vocational training to rural youth, dropouts, and unemployed population of Chhattisgarh with a special focus on our operational areas and links them with gainful employment opportunities. During the year, 1007 youth trained in 3 skilling centres running in Korba, Kawardha & Surguja out of which 76% youth placed & self-employed in 18 reputed organizations with an average CTC of ₹ 12,000-18,000/month in 8 states.

Out of 28 batches, 15 batches trained in convergence with government and private partners like Mukhya Mantri Kaushal Vikas Yojna (MMKVY), NABARD, Skill India Impact Bond (SIIB), Generation India etc.

HEALTH, WATER AND SANITATION

Arogya

The project is a comprehensive health initiative providing quality Primary health care services through Rural Health Posts and awareness campaigns on HIV and a special emphasis on Maternal & Child health, particularly targeting the malnutrition. During the year, program reached out to 30,248 people through curative and preventive healthcare services.

Three Rural Health Post at Chuiya, Parsabhatha and Chotia provided OPD services to 3,610 people. Generated awareness on HIV amongst high-risk behavior groups like Truckers and migrant workers. Over 20,000 people sensitized through weeklong mass awareness campaign on World AIDS Day, canopy camps and counselling sessions.

Combating malnourishment in children by improving their nutritional and care practices through dedicated interventions like 25 Positive Deviance Hearth (PDH) sessions, 32 THR trainings and establishing 150 Nutrition Gardens at Anganwadi centres, household of pregnant, lactating and malnourished children. PDH is one of the effective behaviors change program, used to rehabilitate underweight and wasted children without medical complications; sustain their rehabilitation; and prevent future malnutrition.

Conducted Health screening in 39 Anganwadi across 32 villages, covering 1,564 children of 0 to 5yrs age group. Out of which 430 identified as Severely Acute Malnourished (SAM) & Moderately Acute Malnourished (MAM), addressed through PD hearth sessions and NRC referrals. Out of these, 63% of children moved out of SAM and MAM category

Revived & Capacitated, 42 Mahila Arogya Samiti & Village Health, Sanitation & Nutrition Committee (health bodies in communities) covering 600 PRI members & local health workers for better convergence & leveraging.

Mobile Health Van

The Mobile Health Van (MHV) is structured to provide Healthcare at the doorstep of the ailing. The MHV is serving our nearby 45 communities through fortnightly visits and addresses the problems of inaccessibility, inability to afford and non-availability of basic essential primary health care in communities. This year, 14,410 people availed health care services through MHV. 6 Multispecialty Mega health camps (Orthopedics, Dental, ENT, Pediatrics, Gynecologist, Physiotherapist, Blood & Sugar etc.) organized, benefitting 1770 people. 55 home visits were made to elderly and others who could not come to MHV.

22 Awareness camps organized, sensitizing people on Vaccination and other matters of health and hygiene. Special consultation services by Gynecologist through "**Health Chaupal**" launched this year to benefit mothers and adolescent girls.

Nayi Kiran (Menstrual Health Management)

The project focuses on creating awareness, capacity building and leadership development of women adolescent girls on hygienic practices during menstruation and product choice. The program is also bringing "Men in Menstruation" to widen the discussion and understanding on the topic. During the year, project sensitized **48,000** women, men, adolescent Girls & Boys through awareness generation and capacity building activities and have also expanded its roots across 5 blocks of Korba district viz. Korba, Podi Uproda, Kartala, Pali and Katghora.

To bring about a sustained behavioral change, capacitated **400+** community members ranging from Adolescent boys & girls, SHG women and Frontline workers (AWW's & ASHA workers) through numerous trainings like Menstrual Health Management, leadership, Nukkad Natak and 'Stitch my own pad campaign' as ***Master trainers- Torchbearers cum leaders of change in the community***. 100% AWW's across 45 communities trained as MHM leaders and 137 trained at district level.

A cadre of barefoot soldiers, these trained adolescent youths have further formed 24 Shakti Saheli Mandals and Adolescent boys groups taking the total count to 100. 1500+ Adolescents actively engaging through these groups on the subject matter. Set of 15 Adolescent girls and boys trained on Nukkad Natak and are Spreading the word on menstrual health management across larger community, sensitizing 3800+ community members.

As a new step MHM Awareness sessions held at 20 (50% coverage) Block level Govt secondary & Higher secondary schools of Korba for creating MHM friendly environment. Promoting inclusivity, first ever (MHM) session with especially abled students at Divya Jyoti School, only government school in Korba for differently abled.

4 Swastha Suvidha Kendra as one stop solution Centre's for MHM, driven by adolescent leaders as a synergic platform for counselling and capacity building.1200+ community members benefitted this year through referral and assistance in availing government health services and schemes like Ayushman and Mukhya Mantri Slum Yojna etc.

BALCO Medical Centre

BALCO Medical Centre envisages a society where people are free from the menace of cancer. The BALCO Medical Centre (BMC), a 170-bed tertiary oncology facility - a flagship initiative of the Vedanta Medical Research Foundation (VMRF). Aims to bring ultra-modern, multi-modality diagnostic and therapeutic facilities within easy reach of India's population at an affordable cost. It is in Naya Raipur, Chhattisgarh, and patients from different parts of the country visit the centre. During the year, 10,071 people availed healthcare services from the hospital. Hospital also added another modern equipment LINAC-HALCYON, Radiotherapy machine for curative treatments. This is enabling hospital to cater to a larger number of people and make quality cancer care more accessible.

Support for Mobile Health Van

BALCO supported covid hit remote Lunglei district in Mizoram state with an Ambulance to cater to Covid and Emergency cases. The presence of the Ambulance is enabling people from remote areas in availing healthcare services on time, thereby raising the standard of healthcare delivery in the region.

WOMEN'S EMPOWERMENT

Unnati

The project focuses on strengthening women into Self Help Groups (SHGs) and develop their capacities and skills for entrepreneurship and sustainable livelihoods. During the year, 40+ new SHGs (Self Help Groups) formed, taking total to 500 SHGs involving 5389 women with 1800 women economically engaged. Established 7 microenterprise units with 12 products viz. Mural Art, Gonkra Folk Art, Clay Idols, Chattisa (local cuisine), Mushroom and Paper bags etc. to promote entrepreneurial opportunities for SHG women

On International Women's Day "Unnati Utsav" was zestfully celebrated with community women and adolescent girls and employees. The celebration was witnessed 500+ participants who showcased their enthusiastic participation in games and cultural events. Women also exhibited their entrepreneurship skills by setting up food stalls. 13 zealous community members were recognized and felicitated who had contributed immensely for the development of the community in the areas of entrepreneurship, bringing social change and community leadership for benefit of all.

COMMUNITY ASSETS CREATION

Community Infrastructure Development

Infrastructure development in the communities provides an opportunity to improve their quality of life. The intervention aims at addressing the infrastructural gaps in the socio-economic development of the communities with upgradation of the existing facilities. The activities of this year included renovation of community stages, creation of borewells for drinking water availability and road construction, cumulatively benefiting 7700+ community people.

EMPLOYEE ENGAGEMENT

At BALCO the socio-economic development of the community is of paramount importance. We are dedicated towards empowering the local community and establishing a connect between the community members and employees to establish a relationship based on 'trust'. The employee engagement initiatives act as a bridge to achieve this connect. During the year 500+ employees volunteered cumulatively for activities like:

- **Wish Tree Initiative**, gifts to the kids of the nearby communities, fulfilling their wishes.

- **Mentoring** - Taking classes of Students on various subjects under Connect.
- **Value Added Modules** - Taking soft skill building sessions in Vedanta Skill School.
- **Blood Donation Drive** - Highest contribution at district level.
- **Let's Do Ropai** - Sowing in the fields of farmers for transplantation of paddy
- **Rejuvenation Drive** for check dam and community Pond at Dondro village.
- **Science Mitras** - Mentored students from govt. schools for making science models.

SAFETY

In order to promote safety in communities, 52 safety trainings on Road, Fire & Home safety were organized reaching out to 1000+ community members & school children and students of Vedanta Skill School.

AWARDS

During the year, BALCO's CSR efforts were appreciated and recognized by

- Socio Corp CSR Film Festival & Awards- Best Healthcare Excellence CSR Film - "Sarika Dondro ki Nayi Kiran"
- 5th Edition ICC Social Impact Awards for 'Employment Enhancing Vocational Skills' for "Vedanta Skill School"
- Third India MHM Summit- Best CSR Initiative on MHM Award for Nayi Kiran Project
- Mahatma Award-CSR Excellence
- Appreciation Plaque by FICCI CSR Awards as "Socially Responsible Company" for Mor Jal Mor Maati Project
- SABERA in "Health, Nutrition & Wellbeing" for Community Health Initiatives
- Recognition by Chhattisgarh Govt for commendable work in HIV awareness & prevention
- Recognition by Chhattisgarh Govt for highest single day blood donations at District.

29. RISK MANAGEMENT

Your businesses are exposed to a variety of risks, which are inherent to a global natural resource's organisation. Risk management is embedded in the organisation's processes and the risk framework helps the organisation meet its objectives by aligning operating controls with the mission and vision of the Company. Risk evaluation and management is an ongoing process within the Organization. Your Company has comprehensive risk management policy which is periodically reviewed by the Risk Management Committee.

Our management systems, organisational structures, processes, standards and code of conduct together form the system of internal controls that govern how we conduct business and manage associated risks.

Formal discussion on risk management happens in business level review meetings at least twice in a year. Major risks identified by businesses and functions are systematically addressed through mitigating actions. Risk officers have also been formally nominated at operating businesses level, to develop the risk-management culture within the businesses. During the Financial Year ended on 31st March 2023, the risk management was discussed once in every quarter at the business level, and half-yearly with the Audit Committee, with briefing to the Board.

In the opinion of the Board, none of the risks faced by the Company threaten its existence.

30. MATERIAL CHANGES AND COMMITMENTS AFFECTING FINANCIAL POSITION AND CHANGE IN NATURE OF BUSINESS

There have been no material change(s) and commitment(s), except elsewhere stated in this report, affecting the financial position of the Company between the end of the financial year of the Company i.e., March 31, 2023 and the date of this Report. There has been no change in the nature of business of the Company during the financial year ended on March 31, 2023.

31. SUBSIDIARIES, ASSOCIATES AND JOINT VENTURE COMPANIES

The Company does not have any Subsidiary, Associate and Joint Venture Company.

32. DIFFERENCE BETWEEN AMOUNT OF THE VALUATION DONE AT THE TIME OF ONE TIME SETTLEMENT AND THE VALUATION DONE WHILE TAKING LOAN FROM THE BANKS OR FINANCIAL INSTITUTIONS

There is no difference between amount of the valuation done at the time of one-time settlement and the valuation done while taking loan from the banks or financial institutions.

33. OTHER DISCLOSURES

- There was no revision in the financial statements.
- There are no significant and material orders passed by the regulators or courts or tribunals impacting the going concern status and Company's operations in future.
- There were no frauds reported by the Auditors u/s 143(12) of the Companies Act, 2013.
- There were no applications made or any proceedings pending against the Company under the Insolvency and Bankruptcy Code, 2016 during the year.

APPRECIATIONS AND ACKNOWLEDGMENTS

Your Directors place on record their deep appreciation to employees at all levels for their hard work, dedication, and commitment. The enthusiasm and unstinting efforts of the employees have enabled the Company to remain an industry leader.

The Board of Directors would also like to express their sincere appreciation for the assistance and co-operation received from the financial institutions, banks, government and regulatory authorities, customers, vendors, members, and debenture holders during the year under review. Your Company looks upon them as partners in its progress and has shared with them the rewards of growth.

Your Directors also take this opportunity to thank all Shareholders, Clients, Vendors, Banks, Government and Regulatory Authorities for their continued support.

For and on behalf of the Board of Directors

Dated: 20th April 2023	**SK Roongta** (DIN-00309302) (Chairman)	**Rajesh Kumar** (DIN-09586370) (CEO & WTD)

Annexure A:

Annexure to Director's Report

A. CONSERVATION OF ENERGY:

a. Energy conservation measures taken:

- Various initiative taken, and trials conducted in Pot line to achieve the benchmarking parameter in pot lines.
  - Lowest ever specific power consumption of Pot line 2: 13,817 kwh/Mt.
  - Lowest ever specific net carbon consumption of Potline 2: 416 kg/Mt
  - Lowest ever Auxiliary power consumption of Potline 2: 480 Kwh/Mt
  - Lowest ever Auxiliary power consumption of BALCO: 701 MWH/day
  - Highest ever Current of BALCO: 335.7 KA and Potline-2: 342.4 KA
  - Lowest ever Dust emission of BALCO: 3.2 mg/nm3
  - Highest ever Pot life of BALCO: 2053 days
  - Zero FTP tripping in Potline 2.
  - Highest ever PTM availability of Potline 1: 95.20%.
  - Potline Roof light conversion into LED, Specific saving of 2.1 kwh/Mt and Lux level improved from 30 to 100.
  - Lowest ever BTAP TAT: 15 hrs 19 mins
  - Indigenous development of LCM shaft with saving of 35 lac against OEM prices
  - Highest ever zero level bath (11,458.50 MT) recovery
  - Highest ever SPL Selloff: 21,721 MT.

Key Projects-

- 100% graphitised pots installation-114 no in FY 23.
- Aux reduction by Conversion of HP Compressor to LP Compressor
- Process Optimization
- Pot controller parameter optimization

- Various initiative taken, and trials conducted in Power Plant to achieve the benchmarking parameter
  - U#4 300 MW replacement of Turbine HIP rotor
  - U#3 135 MW Turbine HIP rotor refurbishment and capital overhauling
  - CPP 540 MW U#3 and U#2 Condenser tube replacement
  - CPP 540 MW U#3 and U#2 CT fills replacement
  - CEP VFD Installation in CPP 540MW
  - Installation of Side Stream Filters in 1200 MW plant.

b. Additional Investment

- Aux Power reduction by Conversion of HP Compressor to LP Compressor involved a Capex of ₹ 94 Lacs

c. Recognition and system implementation for energy Improvements.

- CII National Energy Leader Award, Metal Sector 2022.
- Recognized as Excellent Energy Efficient unit for third time consecutively by CII.
- Top performer Designated Consumer for Aluminium Sector of PAT Cycle-II under National Mission for Enhanced Energy Efficiency (NMEEE)
- Manufacturing Today Award in the category -Reinventing the Future 2022

Excludes capitalised quantity

Sl. No.	Particular	Unit	2022-23	2021-22
1	**Hot Metal**			
i	Electricity	Kwh / MT	13,713	13,647
2	**Propenzi Rod (Including Alloy Rods)**			
i	Electricity	Kwh / MT	130	121
ii	Funance Oil	Ltr / MT	5	2
3	**Ingots**			
i	Electricity	Kwh / MT	34	29
ii	Funance Oil	Ltr / MT	8	5
4	**Rolled Product**			
i	Electricity	Kwh / MT	1,169	798
ii	Funance Oil	Ltr / MT	122	102

Sl. No.	Particular	Unit	2022-23	2021-22
1	**Units**	M. KWH	7,649	9,741
	Total Amount	₹ in Crs	3,793	2,673
	Average Rate	₹/KWH	5	3
2	**Coal (Used in Boiler House)**			
	Quantity	MT	61,34,385	77,60,731
	Total Amount	₹ in Crs	3,240	2,249
	Average Rate	₹/MT	5,282	2,897
3	**Furnace Oil & Light Diesel Oil**			
	Quantity	KL	3,403	10,237
	Total Amount	₹ in Crs	34	53
	Average Rate	₹/KL	98,806	51,360

B. TECHNOLOGY ABSORPTION

FORM B

Research and Development (R&D)

a) Specific areas in which R&D carried out by the Company.

- Detoxification of SPL through outside party. 21,721 MT SPL Sold in FY 23.
- Anti-Oxidant Anode Coating without any additives trail being taken in FY 23 to reduce NCC.
- Potline Roof light conversion into LED, Specific saving of 2.1 kwh/Mt and Lux level improved from 30 to 100.

b) Benefits derived as result of R&D:

- Aux Power reduction by Conversion of HP Compressor to LP Compressor.
  Gain: 715 MWH/day to 701 MWH/day.
- 100% graphitised pots installation-114 no in the benefit of 24 kwh/Mt in entire pot line is derived.

c) Future plan of action:

- Pot line:
  - i. Replacement of Old generation compressor with New generation compressor with capacity enhancement.
  - ii. Increase Anode slot height 237 to 350 mm-Saving 70 KWH/MT. Capex- $3.4 Mn, Savings ~$1.6 Mn/ annum. Payback – 2.1 years
  - iii. 100% graphitized pots relining planned in FY23
  - iv. Reduction in Anode Stem Drop by Advanced LASER cleaning technology, 5 mv reduction. 200 Anodes Trial completed
  - v. New AlF_3 Addition logic under development by RIPIK & COE team
  - vi. Further optimization on energy consumption with various trials of energy savings cathode

from BALCO pot relining design, DC power consumption less than 12,300 Kwh/MT.

vii. Increase in pot line current by 0.5 KA – Increase in Metal production.

viii. Online roof top emission monitoring device installation-fluoride emission monitoring to reduce emission and reduction in Alf_3 consumption.

- Carbon:

i. Uses of Fuel grade CPC by 10% blending with anode grade CPC. Trail under process, potential saving ₹ 72Cr/Y at full scale production from Q1 FY 24.

ii. Reduction in specific power consumption by 5mV by design change of existing stub hole former in GAP, potential saving ₹ 1.96Cr/Y from Q2 FY 24.

iii. Increment in height of slot former plate to reduce the power consumption, potential saving ₹ 1Cr/Y from Q1 FY 24.

iv. LASER cleaning of rod to reduce the voltage drop by 5mV, potential saving ₹ 4.3Cr/Y from Q4 FY 24.

v. Trial of LSHS to replace HFO is done in Carbon & Cast House. Complete replacement of HFO with LSHS for entire HMA will be done till H1 FY 24 resulting in SOx emission reduction by 75%.

- Power:

i. Installation of Low Nox burner in 540 MW unit.

ii. Efficiency improvement and capacity enhancement of 135 and 300 MW units.

iii. U#1 300 MW unit turbine HIP rotor replacement

iv. CT fills replacement in 1200 MW units.

d) Expenditure on Research and Development (R&D)

₹ in Cr.

Particular	FY 23	FY 22
Capital Expenditure	-	-
Recurring Expenses	2.08	1.71
Total Expenditure	2.08	1.71
R&D Expenditure as a % of total turnover	0.02%	0.01%

e) Technology absorption, adaptation, and innovation

i. Efforts made for technology absorption.

- Potline FTP revamping to reduce AlF_3 by 3 kg/mt
- Energy saving cathode being implemented in pot line. 91% installed with Graphitized cathode blocks
- Conversion of convention diesel fork lifter to Electric powered forklift

ii. In case of imported technology (imported during the last three years reckoned from the beginning of the financial year): Not applicable.

C) FOREIGN EXCHANGE EARNINGS AND OUTGO

Activities relating to exports; initiatives taken to increase exports; development of new export markets for products and services and export plans:

The initiatives taken by the Company in product development / production of new products have improved the export potential of the Company's products.

Total foreign exchange used and earned during FY 23 is as below:

Foreign exchange earnings: ₹ 3,985 Cr.

Foreign exchange outflow: ₹ 5,376 Cr.

Annexure B:

Form No. MR-3

Secretarial Audit Report

FOR THE FINANCIAL YEAR ENDED MARCH 31, 2023

[Pursuant to Section 204(1) of the Companies Act, 2013 and Rule No. 9 of the Companies (Appointment and Remuneration of Managerial Personnel) Rules, 2014]

To,
The Members,
Bharat Aluminium Co Ltd

We have conducted the secretarial audit of the compliance of applicable statutory provisions and the adherence to good corporate practices by **Bharat Aluminium Co Ltd** (hereinafter called "**Company**") for the financial year ended March 31, 2023 ["**Audit Period**"] in terms of the engagement letter dated November 4, 2022. The secretarial audit was conducted in a manner that provided us a reasonable basis for evaluating the corporate conduct/statutory compliances and expressing our opinion thereon.

Based on our verification of the Company's books, papers, minute books, forms and returns filed and other records maintained by the Company and also the information provided by the Company, its officers, agents and authorized representatives during the conduct of secretarial audit, we hereby report that in our opinion, the Company has, during the Audit Period, complied with the statutory provisions listed hereunder and also that the Company has proper Board-processes and compliance-mechanism in place.

We have examined the books, papers, minutes, forms and returns filed and other records maintained by the Company for the Audit Period, according to the provisions of applicable law provided hereunder:

1. The Companies Act, 2013 ('Act') and the rules made thereunder including any re-enactment thereof;
2. The Depositories Act, 1996 and the regulations and bye-laws framed thereunder;
3. Foreign Exchange Management Act, 1999 and the rules and regulations made thereunder to the extent of External Commercial Borrowings;
4. Specific laws applicable to the industry to which the Company belongs, as identified and compliance whereof as confirmed by the management, that is to say:

   a) The Mines Act, 1952 and Rules made thereunder.

   b) The Mines and Minerals (Development and Regulation) Act, 1957, and the Rules made thereunder.

   c) The Electricity Act, 2003 and rules and regulations made thereunder.

We have also examined compliance with the applicable clauses of the Secretarial Standards for Board Meetings (SS-1) and for General Meetings (SS-2) issued by the Institute of Company Secretaries of India.

We report that during the Audit Period, the Company has complied with the provisions of the Act, rules, standards etc. mentioned above.

We further report that:

The Board of Directors of the Company is duly constituted with a proper balance of Executive Directors, Non-Executive Directors and Independent Directors. The changes in the composition of the Board of Directors that took place during the Audit Period, were carried out in compliance with the provisions of the Act and other applicable laws except that there are two government nominees appointed during the Audit Period. As per the understanding and practice of the Company, the government nominees are appointed on the Board as per the executed Shareholders Agreement directly upon receipt of order letter from the Ministry of Mines. Noting of such appointment is made in the immediate next meeting of the Nomination and Remuneration Committee (NRC) and Board meeting. We have recommended the Company to route any appointment of directors through NRC, Board and approval from the shareholders as required under clause (2) and (6)(a)(ii) of section 152 of the Act.

We observe that during the Audit Period, there were only two directors liable to retire by rotation and one of them being longest in office, retired at the annual general meeting and being eligible offered himself for re-appointment and was reappointed on the Board. The

BHARAT ALUMINIUM CO. LTD. ★ KORBA ★

Company has a practice of not considering government nominee directors in the category of directors retiring by rotation. We have recommended to the Company to include the government nominees as well for the calculation of total number of directors liable to retire by rotation pursuant to section 152(6)(d) and explanation thereof.

Adequate notice is given to all directors to schedule the Board Meetings and Committee meetings, agenda and detailed notes on agenda were sent at least seven days in advance except for the meeting(s) convened at shorter notice with due compliance of Act and SS-1. Further, a system exists for seeking and obtaining further information and clarifications on the agenda items before the meeting and for meaningful participation at the meeting.

All the decisions were unanimous and there was no instance of dissent in Board or Committee Meetings.

We further report that there are adequate systems and processes in the Company, which commensurate with its size and operations to monitor and ensure compliance with applicable laws, rules, regulations and guidelines.

We further report that during the Audit Period, the Company has undertaken the below mentioned specific event/ action that can have a major bearing on the Company's compliance responsibility in pursuance of the above referred laws, rules, standards, etc:

Equity investment of 26% in Special Purpose Vehicle (SPV):

During the Audit Period, the Board has, at its meeting held on February 2, 2023, accorded approval for procurement of renewable power under the group captive scheme and to infuse ₹245 crore in the form of equity investment (without any economic benefit) of 26% in SPV by the Company in partnership with Serentica Renewables India Private Limited ("SRIPL") and to enter into a Power Delivery Agreement ("PDA") for a period of 25 (twenty-five) years.

For M/s Vinod Kothari & Company
Practicing Company Secretaries
Unique Code: P1996WB042300

Nitu Poddar
Partner
Membership No.: A37398
CP No.:15113

Place: New Delhi — UDIN: A037398D000161346
Date: April 13, 2023 — Peer Review Certificate No.: 781/2020

The report is to be read with our letter of even date which is annexed as **Annexure 'I'** and forms and integral part of this report

Annexure I to Secretarial Audit Report

Auditor and Management Responsibility

To,
The Members,
Bharat Aluminium Co. Ltd.

Our Secretarial Audit Report of even date is to be read along with this letter.

1. Maintenance of secretarial records is the responsibility of the management of the Company. Our responsibility is to express an opinion on these secretarial records based on our audit. The list of documents for the purpose, as seen by us, is listed in **Annexure II**;
2. We have followed the audit practices and the processes as were appropriate to obtain reasonable assurance about the correctness of the contents of the secretarial records. The verification was done on a test basis to ensure that correct facts are reflected in secretarial records. We believe that the processes and practices, we followed provide a reasonable basis for our opinion;
3. Our Audit examination is restricted only upto legal compliances of the applicable laws to be done by the Company, we have not checked the practical aspects relating to the same;
4. Wherever our Audit has required our examination of books and records maintained by the Company, we have relied upon electronic versions of such books and records, as provided to us through online communication. Given the challenges and limitations posed by Covid-19, lockdown restrictions (wherever applicable), as well as considering the effectiveness of information technology tools in the audit processes, we have conducted online verification and examination of records, as facilitated by the Company, for the purpose of issuing this Report. In doing so, we have followed the guidance as issued by the Institute. We have conducted online verification & examination of records, as facilitated by the Company;
5. We have not verified the correctness and appropriateness of financial records and books of accounts of the Company as well as correctness of the values and figures reported in various disclosures and returns as required to be submitted by the Company under the specified laws, though we have relied to a certain extent on the information furnished in such returns;
6. Wherever required, we have obtained the management representation about the compliance of laws, rules and regulation and happening of events etc;
7. The compliance of the provisions of corporate and other applicable laws, rules, regulations, standards is the responsibility of the management. Our examination was limited to the verification of procedure on test basis;
8. Due to the inherent limitations of an audit including internal, financial, and operating controls, there is an unavoidable risk that some misstatements or material non-compliances may not be detected, even though the audit is properly planned and performed in accordance with audit practices;
9. The contents of this Report has to be read in conjunction with and not in isolation of the observations, if any, in the report(s) furnished/to be furnished by any other auditor(s)/agencies/authorities with respect to the Company;
10. The Secretarial Audit report is neither an assurance as to the future viability of the Company nor of the efficacy or effectiveness with which the management has conducted the affairs of the Company.

Annexure II

List of Documents

1. Minutes for the meetings of the following held during the Audit Period:
   a. Board of Directors;
   b. Audit Committee;
   c. Nomination and Remuneration Committee;
   d. Corporate Social Responsibility Committee;
   e. Finance Standing Committee;
   f. Annual General Meeting;
2. Proof of circulation of draft and signed minutes of the Board and Committee meetings' on a sample basis;
3. Annual Report for financial year 2021-22;
4. Financial Statements and Auditor's Report for financial year 2021-22
5. Directors disclosures under the Act and rules made thereunder;
6. Statutory Registers maintained under the Act;
7. Forms filed with the Registrar;
8. Policies framed under Act, 2013 viz. CSR Policy, Remuneration Policy and Whistle Blower Policy;
9. Memorandum of Association and Articles of Association of the Company.

Annexure C:

Annual Report on Corporate Social Responsibility (CSR) Activities

1. Brief Outline on the CSR Policy of the Company

Bharat Aluminium Company Limited firmly believes in the coexistence of business and communities and is committed to the development of an eco-system of prosperity in the society around operations. As a responsible corporate citizen, we aim "To empower and support communities specially neighbourhood communities in achieving greater economic and social well-being". As part of our CSR policy, we believe in partnering with government agencies, development organisations, corporates, civil societies & community-based organisations to implement long term sustainable initiatives.

We also believe that our employees have the potential to contribute towards building strong communities through sharing their knowledge and expertise. Hence, we proactively create opportunities whereby employees can also connect and contribute.

The Company complies with Section 135 of the Act and the approach is focused on long-term programmes aligned with community needs and national priorities, including Sustainable Development goals.

At Bharat Aluminium Company limited, business success is not just about profits and shareholder returns. We believe in pursuing wider socioeconomic and cultural objectives and have always endeavoured to not just live up to it, but to try and exceed the expectations of the communities in which we operate.

The detailed CSR Policy of the Company is available on Company's website at: CSR Policy 19th May 2021.pdf(d2z1l9uefzbzxd.cloudfront.net)

2. The composition of CSR Committee is as under:

Sl. No.	Name of Director	Designation / Nature of Directorship	Number of meetings of CSR Committee held during the year	Number of meetings of CSR Committee attended during the year
1	Mr. S.K. Roongta*	Chairman, Independent Director	1	1
2	Mr. Rajesh Kumar**	Member, CEO & Whole Time Director	1	0
3	Ms. Nirupama Kotru	Member, Government Nominee Director	1	1
4	Dr. Anoop Kumar Mittal**	Independent Director	1	0

*Mr. S K Roongta was inducted as Chairman of the CSR Committee w.e.f. 14th July 2022 post resignation of Mr. Arun Todarwal from the directorship of the Company.

**Dr Anoop Kumar Mittal and Mr. Rajesh Kumar became members of the CSR Committee w.e.f. 19th Oct '22 and 15th Feb '23 respectively.

3. Provide the web-link where Composition of CSR committee, CSR Policy and CSR projects approved by the board are disclosed on the website of the company:

Composition of CSR Committee- https://www.balcoindia.com/about-us/balco-team/composition-of-committees-of-board/

CSR Policy- https://d2z1l9uefzbzxd.cloudfront.net/wp-content/uploads/2023/03/CSR_Policy_19th_May_2021.pdf

CSR projects approved by Board - https://www.balcoindia.com/csr/annual-action-plan/

4. Provide the details of Impact assessment of CSR projects carried out in pursuance of sub-rule (3) of rule 8 of the Companies (Corporate Social Responsibility Policy) Rules, 2014, if applicable (attach the report).

The Executive Summary of the Impact Assessment of the CSR projects is given below:

During the financial year, the company conducted Impact Assessment Study as per its CSR Policy through a third party i.e., KPMG Assurance and Consulting Services LLP, to assess the impact generated through its flagship initiatives Mor Jal Mor Maati, Vedanta Skill School, Unnati, Nayi Kiran, Arogya, Mobile Health Van and Balco Medical Centre and Connect. The study used the OECD DAC framework to assess the growth and impact of the programs covering a sample of 410 across Korba & Raipur district in Chhattisgarh.

Executive Summary as follows:

Sustainable Livelihoods

Mor Jal Mor Maati

- **Improved income & yield** - The programme has supported farmers through dissemination of scientific knowledge. 78% of the respondents reported to have an improved income due to better crop yield. 21% respondents felt reduction in input costs. 50% farmers have adopted scientific and sustainable agricultural practice.
- **Enhancement of Food Security** - 37% of farmers also reported an enhancement in food security which is a positive trend considering the multidimensional poverty index of Chhattisgarh. Also, there is enhanced food consumption in the region through improvement in production thereby making it a sustainable model. Paddy was the main crop cultivated in the district prior to any interventions. However, with the intervention, paddy and vegetables became the district's primary crops.
- **Strategic Initiative** - The improvement in the overall livelihood includes looking at sustainability parameters such as climate resilient agriculture practices, income diversification, just transition, linking natural resource management with income generation activities etc. Hence, this creates potential for various strategic initiatives to emerge and integrate themselves with the existing project. Development of Farmer Producer Organization brings a sustainable angle to the project.
- **Right investments** - BALCO has made investments in the right direction in terms of introducing micro irrigation practices, SRI technique as well as capacity building of farmers increasing entrepreneurial options & better infra support. It's support in convergence with government initiatives is helping in bringing the ecosystem change.
- **Reduction in migration** - Created more opportunities for farmers by diversifying the traditional farming methods and livelihood opportunities through NTFP (lac cultivation), organic farming, commercial fish farming. Around 29% of respondents perceived that the project has reduced outward migration.

Vedanta Skill School

- **Enhanced Employability** - Candidates who attended trainings received placement opportunity, career counselling and were provided training certificates as well. 68% of the trainees were able to retain their jobs. The Skill School thus plays a pivotal role in addressing the unemployment. This reflects that the training program has been able to deliver optimum results.
- **Social Strengthening** - Around 48% respondents reported an increase in confidence and self-esteem whereas 30% respondents have an improved social support network.

Women's Empowerment

Unnati

- **Overall development** - The project has been successful in providing the women with a regular source of income, collective voice and has improved their self-esteem. 67% respondents said that the impact of project interventions has helped them in improved decision making. Through the Unnati programme, the business can enhance the economic empowerment of women in the field locations which in turn has an impact on their, savings and access to financial services etc.
- **First in the region** - It was observed that the beneficiaries did not have access to any other similar comprehensive enterprise-based livelihood project in the region before the introduction of Unnati.
- **Convergences** - The project has found wide acceptance in the district administration and is also supported by National Rural Livelihood Mission.

Health

Nayi Kiran

- **Comprehensive approach** - The project focusing on building awareness, lot of sensitisation workshops and street plays are organised which has created a generational shift in mindset of people and built awareness regarding menstrual hygiene practices. A significant level of awareness about hygiene and waste disposal mechanism was also identified.
- **Giving voice** - Study noted that, women and girls in Korba are very vocal while talking about menstruation related practices. They did not have inhibitions unlike other parts of the country especially in rural spaces, where there are a lot of stigmas attached to menstruation.
- **Change in practices** - As per study, 67% of respondents in Korba have been using sanitary napkins which reflects a significant shift towards the usage of sanitary napkins whereas 17% of them are using cloth instead of napkins.

Arogya

- **Access to Healthcare Services through Rural Health Posts** - 69% of the respondents are accessing heath care services twice a month which reflects that there is access to services on a regular basis through Rural Health Posts.
- **Enhanced Maternal & Child Heath** - 77% of respondents said that there has been an improvement in access to supplements for children and pregnant women in the household. 69% of respondents said that the project interventions have increased their families access to institutional delivery.
- **Improved awareness & Accessibility** - 65% of beneficiaries believe that there has been an increase in awareness & around 91% of the beneficiaries reported an improved access to and timely availability of healthcare services. Project has made primary health care services affordable and increase awareness towards HIV, Maternal & Child health. Also, it has been positively contributing to the state health department's campaigns around HIV AIDS, Tuberculosis, COVID Vaccination and so on.
- **Reduction in Out-of-pocket expenditure** - 60% of Household spend less than ₹ 5000 on health annually, hence the out-of-pocket expenditure has reduced among the respondents due to lack of services being availed through existing private health infrastructure.

Mobile Health Van

- **Reaching the last person** - 91% of the respondents said that the Mobile Health vans have improved access and timely availability to healthcare services. 69% of respondents pointed out that availability of medicines has increased. 62% respondents said that the frequency of visits for healthcare services has also become more regularised.
- **Bridging the gap** - The mobile health unit has certainly helped in bridging the gap of accessibility by providing doorstep services.
- **Sustainable elements** - When it comes to individual beneficiaries of the program, the impact created by the mobile health van can be gauged as sustainable. Moreover, the program is making healthcare services accessible as well as improving health of the community. The program helps in creating awareness amongst the community members regarding prevalent diseases.

BALCO Medical Centre

- **Expansive reach** - BMC expanded its footprint in the area of cancer screening and early detection in big away, recognizing it as one of the most critical area that can help reduce cancer burden. A MoU was signed with National Health Mission (Chhattisgarh Government), where together, weekly focused cancer screening camps were conducted across the state. The combined strengths of government and BMC were leveraged to make these camps hugely successful.
- **Convergences** - 70% patients are Ayushman Bharat scheme beneficiaries which shows great convergence.

Education

Connect

- **Improving learning environment** - Quality learning is a challenge in rural areas especially in higher classes which leads to more expenditure on coaching and tutors. The project helps in bridging that gap through employee volunteerism and providing capacity building to teachers so that the additional expenditure on education is reduced. Around 64% of the respondents also had access to digital literacy skills and were using tools for the same
- **Yielding results** - Passing percentage of children according to 66% of the households and has further supported 21% households in decreasing their monthly expenditure on education.

5. (a) Average net profit of the company as per sub-section (5) of section 135: **₹ 1732.30 Cr**

(b) Two percent of average net profit of the company as per sub-section (5) of section 135: **₹ 34.65 Cr**

(c) Surplus arising out of the CSR Projects or programmes or activities of the previous financial years: **NIL**

(d) Amount required to be set-off for the financial year, if any: **₹ 34.65 Cr.**

(e) Total CSR obligation for the financial year [(b)+(c)-(d)]: **NIL**

6. (a) Amount spent on CSR Projects (both Ongoing Project and other than Ongoing Project): **₹ 23.45 Cr**

(b) Amount spent in Administrative Overheads: **₹ 0.87 Cr**

(c) Amount spent on Impact Assessment, if applicable: **₹ 0.21 Cr**

(d) Total amount spent for the Financial Year [(a)+(b)+(c)]: **₹ 24.53 Cr**

(e) CSR amount spent or unspent for the Financial Year:

Total Amount Spent for the Financial Year. (in ₹)	Amount Unspent (in ₹)				
	Total Amount transferred to Unspent CSR Account as per subsection (6) of section 135.		Amount transferred to any fund specified under Schedule VII as per second proviso to sub-section (5) of section 135.		
	Amount.	Date of transfer.	Name of the Fund	Amount.	Date of transfer.
24.53 Cr	NIL	NIL	NIL	NIL	NIL

(f) Excess amount for set-off, if any: **₹ 24.53 Cr.**

Sl. No.	Particular	Amount (in ₹)
(1)	(2)	(3)
(i)	Amount of surplus contribution being carried forward from previous years	72.94 Cr.
(ii)	Two percent of average net profit of the company as per sub-section (5) of section 135	34.65 Cr.
(iii)	Total amount spent for the Financial Year	24.53 Cr.
(iv)	Excess amount spent for the Financial Year [(i)+(ii)-(iii)]	62.88 Cr.
(v)	Surplus arising out of the CSR projects or programmes or activities of the previous Financial Years, if any	-
(vi)	Amount available for set off in succeeding Financial Years [(iv)-(v)]	62.88 Cr.

7. Details of Unspent Corporate Social Responsibility amount for the preceding three Financial Years: NIL

1	2	3	4	5	6		7	8
Sl. No.	Preceding Financial Year(s)	Amount transferred to Unspent CSR Account under sub-section (6) of section 135 (in ₹)	Balance Amount in Unspent CSR Account under sub-section (6) of section 135 (in ₹)	Amount Spent in the Financial Year (in ₹)	Amount transferred to a Fund as specified under Schedule VII as per second proviso to sub- section (5) of section 135, if any		Amount remaining to be spent in succeeding Financial Years (in ₹)	Deficiency, if any
1	FY-22	NA	NA	NA	NA	NA	NA	NA
2	FY- 21	NA	NA	NA	NA	NA	NA	NA
3	FY-20	NA	NA	NA	NA	NA	NA	NA

8. Whether any capital assets have been created or acquired through Corporate Social Responsibility amount spent in the Financial Year:

O Yes ● No

If Yes, enter the number of Capital assets created/ acquired

Furnish the details relating to such asset(s) so created or acquired through Corporate Social Responsibility amount spent in the Financial Year:

Sl. No.	Short particulars of the property or asset(s) [including complete address and location of the property]	Pin code of the property or asset(s)	Date of creation	Amount of CSR amount spent	Details of entity/ Authority/ beneficiary of the registered owner		
1	2	3	4	5	6		
NA	NA	NA	NA	NA	CSR Registration Number, if applicable	Name	Registered address
NA	NA	NA	NA	NA	NA	NA	NA

(All the fields should be captured as appearing in the revenue record, flat no, house no, Municipal Office/Municipal Corporation/ Gram panchayat are to be specified and also the area of the immovable property as well as boundaries)

9. Specify the reason(s), if the company has failed to spend two per cent of the average net profit as per section 135(5). NA

Sd/-
(Chief Executive Officer or Managing Director or Director).

Sd/-
(Chairman CSR Committee).

-
[Person specified under clause (d) of subsection (1) of section 380] (Wherever applicable).".

BHARAT ALUMINIUM CO. LTD. ★ KORBA ★ balco

Annexure D:

Nomination Policy

1. Legal Framework & Objective

Legal framework and Objectives Section 178 of the Companies Act, 2013 ("Act") read with the applicable Rules thereto require the Nomination and Remuneration Committee ("NRC") of the Board of Directors of every listed company, among other classes of companies, to:

a. Identify persons who are qualified to become directors and who may be appointed in a KMP role in accordance with the criteria laid down and recommend to the Board their appointment and removal.

b. Formulate the criteria for determining qualifications, positive attributes and independence of a director.

c. Devising a policy on diversity of board of directors.

d. Specify the manner and criteria for effective evaluation of the performance of the Board, its committees, and individual directors to be carried out either by the Board, by the Committee or by an independent external agency and review its implementation and compliance. Basis the performance evaluation results of independent directors, decide whether to extend or continue their term of appointment or not.

e. Recommend to the board of directors a policy relating to the remuneration of the directors, KMP and other employees including SMP.

This policy shall act as a guideline on some of the above-mentioned objectives of the NRC.

2. Definitions:

a. **Board** means Board of Directors of the Company.

b. **Committee** means the Nomination & Remuneration Committee

c. **Directors** mean Directors of the Company.

d. **Independent Director** means as provided under clause 49 of the Listing Agreement and/or under the Companies Act, 2013.

e. **Key Managerial Personnel (KMP) means: -**

- Chief Executive Officer or the Managing Director or the Manager;
- Whole Time Director;
- Chief Financial Officer;
- Company Secretary; and
- Such other officer as may be prescribed

f. **Senior Management** means personnel of the Company who are members of its core management team excluding the Board of Directors and including Functional Heads, viz., the Executive Committee (EXCO) of the Company.

3. Composition and Chairmanship

The membership of the Committee shall consist of at least three non-executive directors, out of which not less than one half shall be Independent Directors. The Chairperson of the Company (whether executive or non-executive) may be appointed as a Member but shall not chair such committee. The Chairperson of the committee shall be an independent director and shall be appointed by the Board. In case the Chairperson is not present at any committee meeting, the members present at the meeting shall, amongst themselves, elect a Chairperson for that meeting. The membership of the Committee shall be disclosed in the annual report.

4. Appointment and removal of Director & KMP:

The Committee shall evaluate the balance of knowledge, skill, professional & functional expertise, industry orientation, gender, age etc. on the Board and, in the light of this evaluation, prepare and recommend to the Board, a description of the role and capabilities required for a particular appointment. In case of Directors, and KMPs, in addition to the above specifications the NRC shall ensure that the potential candidates possess the requisite qualifications and attributes as per the Applicable Laws. With respect to removal of any Director and KMP, the NRC shall in consultation with either the Chairman, other Directors or CEO (as appropriate), review the performance and/or other factors meriting a removal and subject to the provisions of the applicable Laws and the Articles of Association of the Company, recommend to the Board its course of action.

5. Board Familiarization and learning:

The NRC will adopt a structured program for orientation and training of Independent & Non-Executive Directors at the time of their joining so as to enable them to understand the Company - its operations, business, industry, and environment in which it operates. The company has a separately defined Familiarization Program for the Directors which also focus to update the Directors on a continuing basis on any significant changes therein so as to be in a position to take well-informed and timely decisions.

6. Performance Evaluation of the Board, its committees, and individual directors:

Each year, the NRC will formulate the criteria and the process for evaluation of performance of the Board, Individual Directors, Chairperson, and the Committees of the Board and recommend the same to the Board. The evaluation shall be carried out either by the Board, by the Committee or by an independent external agency and the NRC shall review its implementation and compliance with Applicable laws as well as the criteria and process lay out.

The evaluation of the Independent Directors shall be done by the entire board of directors which shall include:

a. Performance of the directors; and

b. Fulfilment of the independence criteria as specified and their independence from the management as specified under Applicable Laws.

Directors who are subject to this evaluation shall not participate in their own evaluation. The independent directors of the Company shall hold at least one meeting in a year, without the presence of non-independent directors and members of the management and all the independent directors shall strive to be present at such meeting. The independent directors in their separate meeting shall, inter alia:

i) Review the performance of non-independent directors and the board of directors as a whole.

ii) Review the performance of the chairperson of the listed entity, taking into account the views of executive directors and non-executive directors.

iii) Assess the quality, quantity and timeliness of flow of information between the management of the listed entity and the board of directors that is necessary for the board of directors to effectively and reasonably perform their duties.

Basis the evaluation results, the NRC will make its recommendations to the Board on the appointment / re-appointment / continuation of Directors on the Board.

7. Board Diversity:

The Committee in their nomination process and while making recommendations to the Board shall endeavour to have an optimum combination of directors from different fields/walks such as Management, Legal, Finance, Marketing, Human Resources, Bureaucracy, Public Policy etc. and adequate representation of Women directors on the Board. While reviewing the composition of the Board, the Committee will consider the benefits of all aspects of diversity including, but not limited to, those described above.

8. Succession Planning:

The NRC shall draft and recommend to the Board a succession plan for the appointments made to the Board of Directors as well as KMPs. The NRC shall review such plan on an annual basis and recommend revisions, if any, to the Board. The NRC shall work with the management and follow the following process for effective succession planning:

i.) Assessment of potential employees and creation of a leadership pool.

ii.) Development of the talent pool through actions such as involvement in strategic meetings, leadership workshops with top management, coaching, anchoring, job rotations, role enhancement, council memberships and involvement in cross function projects etc.

REMUNERATION POLICY

The Committee will recommend policy relating to remuneration payable to Directors, Key Managerial personnel, and Senior Management. The same shall be subject to the approval of the shareholders of the Company and the Central Government, wherever required.

Guiding Principles of the Executive compensation program are:

- Alignment with Business Strategy and Level of Responsibility & Impact: As employees progress to higher levels in the organisation, their performance has a greater direct impact on the strategic initiatives and business results.
- Fixed/ Base Salary Decisions: The Executives' fixed salary shall be competitive and based

BHARAT ALUMINIUM CO. LTD. ★ KORBA ★ balco

upon the industry practice and benchmarks considering the skill & knowledge, experience, and job responsibilities.

- Pay-for-Performance: A large portion of each Executive's total compensation is linked to the achievement of Company and individual performance goals. Such variable compensation is "at risk", and rewards performance and contributions to both short-term and long-term financial performance of the Company.
    - Performance Bonus Plan: The Performance Bonus Plan rewards contribution to the achievement of the Company's annual financial, strategic, and operational goals and individual KRAs. The Performance Bonus drives high performance culture to achieve the organisation's objectives by differentiating rewards based on performance. The performance will be related to the fulfilment of various targets and attainment of business objectives, both at the Company and individual level.
    - Short/Long Term Incentives: Executives' compensation is linked to long-term stock price appreciation, and shareholder value creation through the Company's Long- term Incentives (LTI) plan. The LTI Plan balances Executives' performance orientation and decisions to deliver on the short-term business outcomes with the long-term performance of the Company, both on financial and non-financial parameters.
- Competitive in Market place: We compete for talent globally. In order to attract and retain a highly skilled workforce, we must remain competitive with the pay of other employers who compete with us for talent.

Remuneration to Non-Executive / Independent Director

a) Sitting Fees

The Non-Executive Director/Independent Director may receive remuneration by way of fees for attending the meetings of the Board or Committee thereof provided that the amount of such fees shall not exceed ₹ One Lac per meeting of the Board or Committee or such amount as may be prescribed by the Central Government from time to time.

b) Stock Options

An Independent Director shall not be entitled to any stock options of the Company.

c) Yearly Fee/Commission

The yearly fee/commission may be paid within the monetary limit approved by the shareholders subject to the limit not exceeding 1% of the net profit of the Company as per the applicable provisions of the Companies Act 2013.

Interpretation

Unless the context otherwise requires, words and expressions used in this policy and not defined herein but defined in the Companies Act, 2013 and rules prescribed therein, as may be amended from time to time and per the Listing Agreement with Stock Exchange(s) as may be amended from time to time, shall have the meaning respectively assigned to them therein.

Amendments in Law

Any subsequent amendment/modification in the Companies Act, 2013 and/or the listing agreement and/or other applicable laws in this regard shall automatically apply to this Policy.

Report on Corporate Governance

Company's Governance Philosophy

The principles of Corporate Governance are based on transparency, accountability and focus on the sustainable success of the Company over the long-term. Corporate Governance is about meeting our strategic goals responsibly and transparently, while being accountable to our stakeholders. The Company is equipped with a robust framework of corporate governance that considers the long-term interest of every stakeholder as we operate with a commitment to integrity, fairness, equity, transparency, accountability, and commitment to values.

Our Corporate Governance reflects the company's values, vision, mission and seven pillars. To perpetually ensure utmost trust and confidence of our stakeholders in us, transparency, accountability, excellence, veracity, safety and professionalism form an integral part of our functioning and practices. The Company believes that sustainable and long-term growth of every stakeholder depends upon the judicious and effective use of available resources and consistent endeavour to achieve excellence in business along with active participation in the growth of society, building of environmental balances and significant contribution in economic growth.

Responsible corporate conduct is integral to the way we do our business. Our actions are governed by our values and principles, which are reinforced at all levels within the Company. At Bharat Aluminium Company Limited, we are committed to doing things the right way which means taking business decisions and acting in a way that is ethical and is in compliance with applicable legislation. We acknowledge our individual and collective responsibilities to manage our business activities with integrity.

The Board of Directors ('the Board') are responsible for and committed to sound principles of Corporate Governance in the Company. The Board plays a crucial role in overseeing how the management serves the short and long-term interests of shareholders and other stakeholders. This belief is reflected in our governance practices, under which we strive to maintain an effective, informed and independent Board.

Compliance with Corporate Governance Guidelines

The Company has adopted and evolved various practices of governance conforming to utmost ethical and responsible standards of business. These practices reflect the way business is conducted and value is generated.

Role of the Company Secretary in overall Governance Process

The Company Secretary plays a key role in ensuring that the Board (including committees thereof) procedures are followed and regularly reviewed. The Company Secretary ensures that all relevant information, details, and documents are made available for decision-making at the meetings. The Company Secretary is primarily responsible to assist and advice the Board in the conduct of affairs of Company, to ensure compliance with applicable statutory requirements, to provide guidance to directors and to facilitate convening of meetings. He interfaces between the management and regulatory authorities for governance matters.

THE BOARD OF DIRECTORS

The Board of Directors along with its committees provides leadership and guidance to the Company's management and supervises the Company's performance. The Board of Directors have the ultimate responsibility of ensuring effective management, long-term business strategy, general affairs, performance and monitoring the effectiveness of the Company's corporate governance practices.

The Directors on the Board are professionals, having expertise in their respective functional areas and bring an extensive range of skills and experience to the Board. The Board has an unfettered and complete access to any information within the Company. Members of the Board have complete freedom to express their views on agenda items and can discuss any matter at the Meeting with the permission of the Chairperson.

The composition and category of the Board of Directors is as follows:

The Company has a balanced Board with optimum combination of Executive and Non-Executive Directors, including independent professionals, which plays a crucial role in Board processes and provides independent judgement on issues of strategy and performance.

The Board currently comprises of 8 (eight) Directors comprising of 1 (one) Non-Executive, Non-Independent Director, 1 (one) Executive & Whole Time Director, 3 (three) GOI Nominee Director and remaining 3 (three) are Independent Directors. The maximum tenure of the Independent Directors is in compliance with the Companies Act, 2013 ("Act"). All the Independent Directors have confirmed that they meet the criteria as mentioned under Section 149 of the Act. The present strength of the Board reflects judicious mix of professionalism, competence and sound knowledge which enables the Board to provide effective leadership to the Company.

None of the Directors on the Company's Board is a member of more than 10 (ten) Committees and Chairman of more than 5 (five) Committees (Committees being, Audit Committee and Stakeholders' Relationship Committee) across all the companies in which he/she is a Director. All the Directors have made necessary disclosures regarding Committee positions held by them in other companies and do not hold the office of Director in more than 10 (ten) public companies as on March 31st, 2023.

Director's Profile

Brief resume of the Directors, nature of their expertise in specific functional areas and name of Companies in which they hold Directorship, and the membership of the Committees of the Board can be viewed on the Company's website at https://www.balcoindia.com/about-us/balco-team/board-of-directors/.

Chairman and other Key Managerial Personnel (KMP's)

The Chairman's principal responsibility is for the effective running of the Board by acting as the leader of the Board and by presiding over the meetings of the Board and the shareholders.

The roles of the Chairman of the Board and the Chief Executive Officer (CEO) have a clear division of responsibilities and duties as the positions are held by separate individuals. Apart from this, the Company also has a separately designated Chief Financial Officer and Company Secretary.

Mr. Rajesh Kumar, Chief Executive Officer & Whole Time Director, Mr. Amit Gupta, Chief Financial Officer and Mr. Prateek Jain, Company Secretary are the Key Managerial Personnel (KMPs) of the Company.

Board Meetings

The Board meets at regular intervals to discuss and decide on Company/business policy and strategy apart from other Board businesses. The Board Committee Meetings are pre-scheduled, and a tentative annual calendar of the Board and Committee Meetings is circulated to the Directors well in advance to facilitate them to plan their schedule and to ensure meaningful participation in the meetings. The notice of Board/Committee Meetings is given well in advance to all the Directors.

Board Meetings are governed by structured agendas. All major agenda items are backed by comprehensive background information to enable the Board to take informed decisions. The Company Secretary in consultation with the Senior Management prepares the detailed agenda for the meetings.

Agenda papers and Notes on Agenda are circulated to the Directors, in advance, in the defined Agenda format. All material informations are being circulated along with Agenda papers for facilitating meaningful and focused discussions at the meeting.

Detailed presentations are made at the Board / Committee meetings covering finance and operations of the Company, global business environment, all business areas of the Company including business opportunities, business strategy and risk management practices before taking on record the quarterly/half-yearly/annual financial results of the Company. The Board sets annual performance objectives, oversees the actions and results of the management, evaluates its own performance, the performance of its Committees and individual Directors on an annual basis and monitors the effectiveness of the Company's governance practices for enhancing the stakeholders' value.

Number of Board Meetings

Seven (7) Board meetings were held during the financial year as against the statutory requirement of four meetings. All Directors have demonstrated high levels of availability and responsiveness for additional meetings and discussions whenever these have been required. The maximum gap between any two meetings was not more than one hundred and twenty (120) days.

Table1: Details of attendance at Board Meeting:

Date	Board Strength	No of Directors present
21st April 2022	8	6
21st July 2022	7	5
19th October 2022	7	5
11th November 2022	8	7
16th January 2023	9	9
02nd February 2023	9	9
15th February 2023	9	8

Attendance and Directorships Held

Composition of the Board, other Directorship(s)/Committee Membership(s)/ Chairmanship(s) as on 31st March 2023 and attendance of directors at Board Meetings, Last Annual General Meeting (AGM) are as given in Table 1.

S.N	Full Name	Category	Relationship with Other Director	DIN	No. of Board Meeting Held During His/Her tenure and attended in 2022-23		Whether Attended Last AGM	No. Of Directorship in Public Companies#	No.of committee Position held@	
					Held	Attended			Chairman	Member
1	Mr. S. K. Roongta[1]	ID & NED	None	00309302	7	7	No	9	6	13
2	Mr. Tarun Jain	NED	None	00006843	7	6	No	1	-	2
3	Mr. Rajesh Kumar[2]	ED	None	09586370	0	0	No	1	-	-
4	Mr. Abhijit Pati[2]	ED	None	08457230	7	7	Yes	-	-	-
5	Mr.A. K. Mittal[3]	ID & NED	None	05177010	4	4	No	6	-	8
6	Mr. D. D. Jalan	ID & NED	None	00006882	7	7	Yes	4	3	4
7	Mr. Arun Todarwal[4]	ID & NED	None	00020916	1	1	Yes	6	-	-
8	Mr. Mustaq Ahmad[5]	ND	None	08630622	7	4	No	-	-	-
9	Ms. Farida M Naik[6]	ND	None	07612050	4	4	No	3	-	1
10	Ms. Nirupama Kotru	ND	None	09204338	7	5	No	2	-	1
11	Mr. Sanjeev Verma[7]	ND	None	08836996	3	2	No	2	-	-
12	Mr. Shakil Alam[8]	ND	None	09272903	3	2	No	1	-	-

ID: Independent Director, NED:Non Executive Director, ND: Govt. Nominee Director, ED: Executive Director

Excluding Private limited Companies, Foreign Companies, Section & Companies & alternate Directorship

@ Considered Audit Committee, NRC Committee, Stakeholder Relationship, Risk Management

1 Designated as Independent Director w.e.f. 14th July 2022.

2 Mr. Rajesh Kumar was appointed as CEO and Whole Time Director in place of Mr. Abhijit Pati w.e.f. 15th February 2023.

3 Mr. A K Mittal was appointed as Independent Director w.e.f. 19th October 2022

4 Mr. Arun Todarwal ceased to be Independent Director w.e.f. 30th June 2022

5 Mr. Mustaq Ahmad ceased to be a Gov. Nominee Director w.e.f. 27th March 2023.

6 Ms. Farida Naik was appointed as Gov. Nominee Director w.e.f. 21st November 2022.

7 Mr. Sanjeev Verma was appointed as Gov. Nominee Director we.f. 26th December 2022.

8 Mr. Shakil Alam ceased to be a Gov. Nominee Director w.e.f. 19th November 2022.

Flow of information to the Board:

One of the pre-requisites for value-generating work by the Board is that the Board has a firm grasp on the operations and on events in the outside world. We achieve this through a well-structured body of material for the Board.

The Board has complete access to all the relevant information within the Company. All Board meetings are governed by a structured agenda that is backed by comprehensive background information.

Compliance reports of all laws applicable to the Company are presented before the Board on quarterly basis. The minutes of the Board meetings of the Company and a statement of all significant related party transactions and arrangements entered are also placed before the Board.

Expositions covering various aspects of business, global and domestic business environment, safety and environment-related matters, strategy and risk management practices are given to the Board.

Throughout the year, Directors are also provided with detailed briefing materials on the performance of the Company and market analysis on the performance of, and prospects for, the business. Updates on relevant statutory changes and judicial pronouncements around industry-related laws are regularly circulated to the directors. Each director has complete access to any information of the Company and full freedom to interact with senior management.

Business reviews by the Group EXCO, Business EXCO and SBU EXCO on the performance and operation of the Company is conducted on monthly basis and update to the Board is given in the quarterly meetings. Board has constituted various committees and sub-committees with clearly agreed reporting procedures and are guided by the charter prescribing the terms of reference.

Important decisions taken by the Board and its committees are promptly communicated to the concerned departments or divisions.

The Company also has an effective post-Board Meeting follow-up procedure. Action taken report on the decisions taken in a meeting is placed at the immediately succeeding meeting for information of the Board.

Remuneration to Directors

All fees/commissions including sitting fees paid to the Non-Executive directors of the Company are fixed by the Board of Directors within the limits approved by the shareholders.

The Company pays sitting fees of ₹ 50,000/- per meeting of the Board and ₹ 25,000/- per meeting of the Audit Committee, Nomination and Remuneration Committee and Corporate Social Responsibility Committee, to the Non-Executive/ Independent Directors (except Govt. Nominee Director).

Remuneration to Executive Director

The remuneration of the Chief Executive Officer and Whole Time Director is in consensus with the Company's size, industry practice and overall performance of the Company. The Nomination and Remuneration Committee submits its recommendation to the Board, which after considering the recommendation takes decision on the remuneration payable to the CEO and Whole Time Director in accordance with the provisions of the Companies Act, 2013.

For FY 2023, the total remuneration is as shown in Table 2A and Table 2B.

Table 2 A: Sitting fee and Commission paid to Directors (NED & ID) for FY 2023 (in ₹)

Name	Category	Sitting Fees Paid	Commission Paid	Total Payment paid/ payable (FY 2022-23)
Mr. S K Roongta	ID & NED	5,75,000	16,00,000	21,75,000
Mr. D.D. Jalan	ID & NED	5,75,000	15,49,000	21,24,000
Mr. Arun Todarwal[1]	ID & NED	1,25,000	3,27,000	4,52,000
Mr. A. K. Mittal[2]	ID & NED	2,00,000	6,37,000	8,37,000
Mr. Tarun Jain	NED	4,75,000	13,13,000	17,88,000

1 Ceased as Director due to resignation on 30th June 2022

2 Appointed as Director w.e.f. 19th October 2022

Table 2 B: Remuneration paid to Executive Directors for FY 2023 (in ₹ Lakh)

Name of Director	Category	Salary, perquisite & other	Stock Option	Total
Mr. Abhijit Pati	Ex-CEO & WTD	410.72	122.73	533.45
Mr. Rajesh Kumar	CEO & WTD	21.33	0.41	21.74

Non-executive Directors do not hold any shares of the Company and there are no pecuniary relationships or transactions of them, vis-à-vis the Company, except as mentioned above.

The Company has granted stock option to its CEO & Whole time Director.

During FY 2023, the Company did not advance any loan to any of its directors.

Selection / Appointment procedure

The Nominations and Remuneration Committee has in place a formal and transparent process for the appointment of new Independent Directors on the Board. The committee, based on defined criteria, makes recommendations to the Board on the induction of new directors.

The Nomination and Remuneration Committee of the Company follows defined criteria for identifying, screening, recruiting, and recommending candidates for election as a Director on the Board. The criteria for appointment to the Board include: -

- composition of the Board, which is commensurate with the size of the Company, its portfolio, geographical spread and its status as a Public Limited Company;
- desired age and diversity on the Board;
- size of the Board with optimal balance of skills and experience and balance of Executive and Non-Executive Directors consistent with the requirements of law;
- professional qualifications, expertise and experience in specific area of relevance to the Company;
- balance of skills and expertise in view of the objectives and activities of the Company;
- avoidance of any present or potential conflict of interest;
- availability of time and other commitments for proper performance of duties;
- personal characteristics being in line with the Company's values, such as integrity, honesty, transparency, pioneering mindset.

Board Independence

Independent Directors bring an element of objectivity to the board processes and an objective view in the board deliberations. They provide a valuable outside perspective to the deliberations of the board and contribute significantly to the decision-making process.

All Independent Directors have provided an affirmation of their independence as required under the provisions of the Companies Act, 2013.

There are no material pecuniary relationships or transactions between the Independent Directors and the Company, except for sitting fees and commissions drawn by them for attending the meeting of the Board and Committee(s) thereof. None of the Non-Executive Directors hold any shares or convertible instruments in the Company.

Separate Independent Directors' Meetings

Independent Directors play a crucial role in ensuring an efficient and transparent work environment, hence all the Independent Directors of the Company separately met once during FY 23 without the presence of any of non-independent directors and/or any of the members of the management on 22nd March 2023 inter alia to:

- Evaluate the performance of Non-Independent Directors and the Board of Directors as a whole.
- Evaluate the performance of the Chairman, taking into account the views of Executive and Non-Executive Directors.
- Evaluate the performance of the Chief Executive Officer, taking into account the views of the Non-Executive Directors.

The Independent Directors expressed satisfaction with the overall performance of the Directors and the Board as a whole. Inputs and suggestions received from the Directors were considered at the Board meeting and have been implemented.

Director's Induction and Familiarisation

The Board members are provided with necessary documents/brochures, reports and internal policies to enable them to familiarise them with the Company's procedures and practices. A formal and comprehensive induction about the Company, its operations and the industry in which the Company operates, is given to all the new directors including site visits and meetings with members of the Board and other key senior executives including Business CEOs and CFOs. They are also introduced to the organization structure, strategy, constitution, policies, and board procedures.

All new Independent Directors are taken through a detailed induction and familiarisation programme when they join the Board of your Company. The induction programme is an exhaustive one that covers the history and culture of Bharat Aluminium Company Limited, background of the Company and its growth over the last several decades, various milestones in the Company's existence since its incorporation, the present structure and an overview of the businesses and functions.

Director Retiring by Rotation

In accordance with the provisions of Act and the Articles of Association of the Company, Mr. Tarun Jain (DIN-00006843) would retire in the upcoming AGM and being eligible, is retiring by rotation and has offered himself for re-appointment. The Board has recommended his re-appointment.

COMMITTEES OF THE BOARD

The Board Committees play a crucial role in the governance structure of the Company and have been constituted to deal with specific areas/activities as mandated by applicable regulations which concern the Company and need a closer review. The Board Committees are set up under the formal approval of the Board to carry out clearly defined roles, which the Board is authorized to perform under its power derived from the Act, Articles of Association and Resolutions passed by the members of the company. The delegation of authority from the Board to various Committees is followed as a good governance practice. The Chairman of the respective Committees informs the Board about the summary of the discussions held in the Committee Meetings to keep the Board members apprised of the proceeding of the committees. The minutes of the meetings of all Committees are placed before the Board for review.

The Board has established the following statutory and non-statutory Committees: -

1. Audit Committee

Your Company has an Audit Committee at the Board level which acts as a link between the management, the statutory and the internal auditors and the Board of Directors and oversees the financial reporting process. The Committee is governed by a Charter which is in line with the regulatory requirements mandated by the Companies Act, 2013. The Committee comprises of three Non-Executive Directors, out of which two (2) are Independent Directors. The followings are the members of Audit Committee:

The Audit Committee of the Board, inter-alia, provides reassurance to the Board on the existence of an effective internal control environment that ensures:

- efficiency and effectiveness of operations;
- safeguarding of assets and adequacy of provisions for all liabilities;
- reliability of financial and other management information and adequacy of disclosures;
- Compliance with all relevant statutes.

The Board has accepted all recommendations made by the Audit Committee during the year.

The meetings of the Audit Committee are also attended by the Chief Executive Officer, Chief Financial Officer, Statutory Auditors, and Internal Auditor as special invitees. The Company Secretary acts as the Secretary to the Committee. The minutes of each Audit Committee meeting are placed in the next meeting of the Board. Other invitees are invited on a need basis to brief the Audit Committee on important matters.

The time gap between any two meetings was less than four months. The Committee met 5 (five) times on 21st April 2022, 21st July 2022, 19th October 2022, 16th January 2023 and 02nd February 2023. The details of the Audit Committee are given in Table 3.

Table 3: Attendance Record of Audit Committee meeting

Name of Member	Position	Status	No. of Meeting held	No. of Meeting held	Sitting Fees(₹)
Mr. D. D. Jalan	Chairman	ID & NED	5	5	1,25,000
Mr. Tarun Jain	Member	NED	5	5	1,25,000
Mr. Arun Todarwal[1]	Member	ID & NED	1	1	25,000
Mr. S. K. Roongta[2]	Member	ID & NED	4	4	1,00,000

[1] Ceased to be a member due to resignation on 30th June 2022

[2] Inducted as a member subsequent to re-designation as Independent Director w.e.f. 14th July 2022

The role and terms of reference of the Audit Committee are set out in Section 177 of the Companies Act, 2013, besides other terms as may be referred to by the Board of Directors of the Company. The terms of reference of the Audit Committee broadly are:

- Oversight of the Company's financial reporting process and the disclosure of its financial information to ensure that the financial statements are correct, sufficient and credible
- Recommending to the Board, the appointment, re- appointment and if required, the replacement or removal of the statutory auditor and the fixation of audit fees
- Approval of payment to statutory auditors for any other services rendered by them
- Reviewing with the management, the annual financial statements before submission to the Board for approval, with reference to:
- matters required to be included in the Director's Responsibility Statement to be included in the Board's report in terms of section 134 of the Companies Act, 2013
- Changes, if any, in accounting policies and practices and reasons for the same
- Major accounting entries involving estimates based on the exercise of judgement by management
- Significant adjustments made in the financial statements arising out of audit findings
- Compliance with listing and other legal requirements relating to financial statements
- Approval of related party transactions
- Qualifications if any in the draft statutory auditor report
- Reviewing with the management, the quarterly financial statements before submission to the Board for approval
- Reviewing with the management, performance of statutory and internal auditors, adequacy of the Internal Control Systems
- Reviewing the adequacy of Internal Audit plan
- Discussion with internal auditors on any significant findings and follow up thereof
- Reviewing the findings of an internal investigations by the internal auditors into matters where there is suspected fraud or irregularity or a failure of internal control systems of a material nature and reporting the matter to the Board
- Discussion with statutory auditors before the audit commences, about the nature and scope of the audit as well as post-audit discussion to ascertain any area of concern
- To investigate the reasons for substantial defaults in the payment to the shareholders (in case of non-payment of declared dividends) and creditors, if any
- Reviewing the functioning of the whistle-blower mechanism
- Appointment of the Chief Financial Officer of the Company
- Carrying out any other function, as is mentioned in the terms of reference of the Audit Committee

The Company has systems and procedures in place to ensure that the Audit Committee mandatorily reviews:

- Management Discussion and Analysis of Financial Condition and Result of Operations.
- Statement of Significant Related Party Transactions (as defined by the Audit Committee) submitted by the management.
- Internal Control Weakness as identified by Statutory Auditors.
- Internal Auditor Report relating to Internal Control Weaknesses.

The Audit Committee is also appraised on information regarding Related Party Transactions by being presented with:

- A Statement in summary form of transactions with Related Parties in the ordinary course of business.
- Details of material individual transactions with related parties.
- Details of material individual transactions with related parties or others which are not on arm's length basis along with the management justification for the same.

All related party transactions are pre-approved by the Audit Committee.

During the year all transaction(s) with related parties were at arm's length and in the ordinary course of business and there was no significant material transaction with any of the related parties of the Company.

2. Corporate Social Responsibility (CSR) Committee

The Corporate Social Responsibility (CSR) Committee was comprising Mr. Arun Todarwal as the Chairman, Mr. S K Roongta and Mr. Abhijit Pati and Ms. Nirupama Kotru as the Members of the Committee till 30th June 2022. Due to the cessation of the Directorship of Mr. Arun Todarwal, the formation of the committee changed. Mr. S. K. Roongta was appointed as Chairman of the CSR Committee. Further, Mr. A. K. Mittal an Independent Director joined BALCO's Board and CSR Committee as a member on 19th October 2022. Further, pursuant to the resignation of Mr. Abhijit Pati from the office of the CEO & WTD of the Company and the appointment of Mr. Rajesh Kumar as the CEO and WTD, w.e.f. 15th February 2023, Mr. Rajesh Kumar replaced Mr. Abhijit Pati as a member of the Committee.

The role of CSR Committee includes formulating and recommending to the Board the CSR Policy and activities to be undertaken by the Company, recommending the amount of expenditure to be incurred on CSR activities of the Company, and reviewing the performance of the Company in CSR.

The detailed terms of reference of the Corporate Social Responsibility Committee are contained in the 'CSR Policy' which is available on the website of the Company at CSR Policy 19th May 2021.pdf (d2z1l9uefzbzxd.cloudfront.net)

During the financial year ended 31st March 2023, the Committee met one (1) time on 21st April 2022.

Table 4: Attendance Record of Corporate Social Responsibility Committee meeting:

Name of Member	Position	Status	No. of Meeting held	No. of Meeting Attended	Sitting Fees (₹)
Mr. Arun Todarwal[1]	Chairman	ID & NED	1	1	25,000
Mr. S K Roongta[2]	Member (till 14.07.22) Chairman (w.e.f. 14.07.22)	ID & NED	1	1	25,000
Mr. Abhijit Pati[3]	Member	CEO & WTD	1	1	-
Mr. Rajesh Kumar[3]	Member	CEO & WTD	-	-	-
Mr. A K Mittal[4]	Member	ID & NED	-	-	-
Ms. Nirupama Kotru	Member	Govt. Director	1	1	-

[1] Ceased as a member on 30th June 2022

[2] Inducted as Chairman on 14th July 2022

[3] Mr. Rajesh Kumar inducted as member in place of Mr. Abhijit Pati w.e.f. 15th February 2023.

[4] Inducted as Member on 19th October 2022

The Committee oversees, inter-alia, corporate social responsibility and other related matters as may be referred by the Board of Directors and discharges the roles as prescribed under Section 135 of the Act which includes formulating and recommending to the Board, a Corporate Social Responsibility (CSR) Policy indicating the activities to be undertaken by the Company, as per Schedule VII to the Act; recommending the amount of expenditure to be incurred; and monitoring the CSR Policy of the Company.

During the financial year, the Company has spent ₹ 24.53 Crore on CSR activities.

The Company has conducted a third-party Impact Assessment for its CSR Projects as required under the CSR Policy. The Impact Assessment Report was placed before the CSR Committee and the Board of Directors for their approval. An Executive Summary of the Impact Assessment Report forms part of the Annual Report on CSR Activities for FY 23.

3. Nomination and Remuneration Committee

The Nomination and Remuneration Committee comprised Mr. D. D. Jalan as the Chairman, Mr. S K Roongta and Mr. Arun Todarwal as the Members of the Committee till 30th June 2022. Due to the cessation of the Directorship of Mr. Arun Todarwal, the formation of the committee changed. Mr. Tarun Jain was inducted as a member of the NRC Committee.

The Nomination and Remuneration Committee is responsible for evaluating the balance of skills, experience, independence, diversity and knowledge on the Board and for drawing up selection criteria, ongoing succession planning and appointment procedures for both internal and external appointments. The role of the Nomination and Remuneration Committee, inter alia, includes:-

- Determine/recommend the criteria for appointment of Executive, Non-Executive and Independent Directors to the Board;
- Determine/recommend the criteria for qualifications, positive attributes and independence of Director;
- Review and determine all elements of remuneration package of all the Executive Directors, i.e. salary, benefits, bonuses, stock options, pension etc.;
- Formulate criteria and carry out evaluation of each Director's performance and performance of the Board as a whole.

During the year, the Nomination and Remuneration Committee met four (4) times on 21st April 2022, 19th October 2022, 22nd November 2022 and 15th February 2023. The details of Nomination and Remuneration Committee are given in Table 5.

Table 5: Attendance Record of Nomination and Remuneration Committee Meeting:

Name of Member	Position	Status	No. of Meeting held	No. of Meeting Attended	Sitting Fees (₹)
Mr. D. D. Jalan	Chairman	ID & NED	4	4	1,00,000
Mr. S K Roongta	Member	NED	4	4	1,00,000
Mr. Arun Todarwal[1]	Member	ID & NED	1	1	25,000
Mr. Tarun Jain[2]	Member	NED	3	2	50,000

[1] Ceased as a member on 30th June 2022

[2] Inducted as a member on 14th July 2022

The Committee expressed its overall satisfaction with the performance of the individual Board member and the Board in totality.

4. Finance Standing Committee

The Finance Standing Committee (FSC) of Directors is entrusted with the responsibility to consider and approve the finance and treasury-related proposal within the overall limits approved by the Board. The Committee comprises Mr. Tarun Jain as Chairman and Mr. Abhijit Pati as CEO and Whole Time Director till 15th February 2023. Due to the cessation of the Directorship of Mr. Abhijit Pati, the formation of the committee changed. Mr. Rajesh Kumar was inducted as a member of the Finance Standing Committee w.e.f. 15th February 2023. The Committee meets as and when required.

BOARD EVALUATION

In terms of the requirement of the Companies Act, 2013, an annual performance evaluation of the Board is undertaken where the Board formally assesses its own performance with an aim to improve the effectiveness of the Board and the Committees. During the year, the Company outsourced the Board Evaluation process to a third party to formulate a Questionnaire and prepare an evaluation report based on the responses received, which included the evaluation of the Board as a whole, Board Committees and Peer evaluation of the Directors.

The evaluation process focused on various aspects of the functioning of the Board and Committees such as composition of the Board and Committees, experience and competencies, performance of specific duties and obligations, governance issues, etc.

As an outcome of the above exercise, it was noted that the Board as a whole is functioning as a cohesive body that is well-engaged with different perspectives. The Board Members from different backgrounds bring about different complementarities that help Board discussions to be rich and value-adding. It was also noted that the Committees are functioning well and besides the Committee's terms of reference as mandated by law, important issues are brought up and discussed in the Committee Meetings.

SUCCESSION PLANNING

The Company strives to ensure adequate succession planning of its leadership talent pool.

The company uses succession management and planning to ensure that it identifies and develops future leaders to face the challenges of growth effectively and successfully. This ensures the systematic and long-term development of the individuals and provides a continuous flow of talented people to meet the organization's management needs.

General Body meeting: Location and time, where last three AGMs were held:

FY ended on	Date	Time	Venue	Special Resolution passed
31st March 2022	27th June 2022	03:30 PM	Through video conferencing ("VC")	-
31st March 2021	17th September 2021		Through video conferencing ("VC")	-
31st March 2020	26th August 2020	03:00 PM	Through video conferencing ("VC")	Appointment of Mr. Abhijit Pati as Whole Time Director of the Company

BHARAT ALUMINIUM CO. LTD. ★ KORBA ★ balco

The 57th Annual General Meeting of the members of the Company will be on Tuesday 27th June 2023, at 3:30 P.M, through video conferencing ("VC") / other audio-visual means ("OAVM") pursuant to the MCA Circular dated December 28, 2022 and as such there is no requirement to have a venue for the AGM.

GOVERNANCE AND COMPLIANCE

I. Code of Business Conduct & Ethics

The Company has in place a comprehensive Code of Conduct ('the Code') applicable to the Directors and employees. The Code is applicable to Non-Executive Directors including Independent Directors to such an extent as may be applicable to them depending on their roles and responsibilities. The Code gives guidance and support needed for ethical conduct of business and compliance of law. The code reflects the core values of the Company viz. Integrity, Respect, Entrepreneurship, Care, Innovation, Trust, and Excellence.

II. Whistle Blower Policy

Your Company is committed to the highest standards of ethical, moral, and legal business conduct. The Company has in place a Whistle Blower Policy, as part of vigil mechanism which provides appropriate avenues to the Directors and employees to bring to the attention of the management instances of unethical behaviour, actual or suspected incidents of fraud or violation of the Company's Code of Conduct that could adversely impact the Company's operations, business performance and/or reputation.

The Audit Committee has laid down certain procedures governing the receipt, retention, and treatment of complaints regarding the Company's accounting, internal accounting controls or auditing matters, and protecting the confidential, anonymous reporting by Director(s) or employee(s) or any other person regarding questionable accounting or auditing matters.

The Company has adopted a Whistle Blower Policy, as part of vigil mechanism to provide appropriate avenues to the Directors and Employees to bring to the attention of the management any issue which is perceived to be in violation of or in conflict with the Code of Business Principles of the Company.

The Company also has a designated email id balco.whistleblower@vedanta.co.in for reporting complaints. Further, the complaints can also be lodged on the web-based portal www.vedanta.ethicspoint.com.

The Whistle Blower Policy forms part of the Code of Business Conduct and Ethics, and the same has been displayed on the Company's website at https://www.balcoindia.com/sustainability/policies-standards/sustainability-policies/. It is also affirmed that no personnel have been denied access to the Audit Committee.

III. Internal Control System

The Board of Directors of the Company is responsible for ensuring that Internal Financial Controls have been laid down in the Company and that such controls are adequate and operating effectively.

The Company has IFC framework, commensurate with the size, scale and complexity of its operations. The framework has been designed to provide reasonable assurance with respect to recording and providing reliable financial and operational information, complying with applicable laws, safeguarding assets from unauthorized use, executing transactions with proper authorization and ensuring compliance with corporate policies.

The controls based on the prevailing business conditions and processes have been tested during the year and no reportable material weakness in the design or effectiveness was observed. The framework of IFC over Financial Reporting has been reviewed by the internal and external auditors.

The scope and authority of the Internal Audit function is defined in the Internal Audit Charter. To maintain its objectivity and independence, the Internal Audit function reports to the Chairman of the Audit Committee. The Internal Audit team develops an annual audit plan based on the risk profile of the business activities. The Internal Audit plan is approved by the Audit Committee, which also reviews compliance to the plan. The Audit Committee reviews the reports submitted by the Internal Auditors in each of its meeting. Also, the Audit Committee at frequent intervals has independent sessions with the external auditor and the Management to discuss the adequacy and effectiveness of IFC.

IV. Risk Mitigation Plan

Your Company has in place comprehensive risk assessment and minimization procedures, which are reviewed by the Risk Management Committee periodically to ensure that management controls risk through means of properly defined framework. The Audit Committee of the Company also reviews the risk matrix and mitigation plan from half-yearly.

V. Compliance

Our compliance systems cover a multitude of statutory obligations and ensures adherence to all applicable laws and regulations. During FY 2023, no material and uncontested financial or non-monetary sanctions were imposed upon the Company except as disclosed in the Financial Statements. Some of the key compliance aspects are dealt with below:

(a) Disclosure of Related Party Transaction:

Pursuant to Section 188 of the Companies Act, 2013, all the Related Party Transactions were at arm's length price and in ordinary course of business. All transactions with the Related Parties were duly approved by the Audit Committee.

(b) Disclosure of Accounting Treatment in Preparation of Financial Statements:

The Company follows the guidelines of Accounting Standards referred to in section 133 of Companies Act, 2013 read with Rule 7 of the Companies (Accounts) Rules, 2014 together with early adoption of Accounting Standard (AS) 30 'Financial instruments: Recognition and Measurement' and the consequential limited revisions to certain Accounting Standards issued by the Institute of Chartered Accountants of India

(c) CEO & CFO Certificate:

The CEO and CFO certification of the Financial Statements for FY 23 is enclosed at the end of this report. **(Annexure-1)**

Shareholding Pattern by Ownership as on 31st March, 2023

Name	No. of Shares Held	Percentage of Shareholding
A Promoter's Holding		
1 Indian promoter-Vedanta Ltd.	1,12,518,495	51.00
Sub Total	**1,12,518,495**	**51.00**
B Non-Promoter Holding		
2 Non-Institutional		
a) Individual shareholders holding nominal share capital upto ₹ 1 lakh	-	-
b) Central Govt.	1,08,106,005	49.00
Sub-total	**1,08,106,005**	**49.00**
Grand Total	**2,20,624,500**	**100.00**

BHARAT ALUMINIUM CO. LTD. ★ KORBA ★ balco

Annexure-I CEO & CFO Certification

We, Rajesh Kumar, Chief Executive Officer & Whole Time Director and Amit Gupta, Chief Financial Officer, certify that:

A. We have reviewed financial statements and the cash flow statement for the year and that to the best of our knowledge and belief:

(1) These statements do not contain any materially untrue statement or omit any material fact or contain statements that might be misleading;

(2) These statements together present a true and fair view of the Company's affairs and are in-compliance with existing accounting standards, applicable laws and regulations.

B. There are, to the best of our knowledge and belief, no transactions entered-into by the Company during the year which are fraudulent, illegal or violative of the Company's code of conduct.

C. We accept responsibility for establishing and maintaining internal controls for financial reporting. We have evaluated the effectiveness of internal control systems of the Company pertaining to financial reporting and we have not noticed any deficiency in the design of operation of such internal controls, or of which we are aware that needs to be rectified or informed to the auditors and the Audit Committee.

D. During the year it was disclosed to the Auditors and the Audit Committee that:

(1) There were no significant changes in internal control over financial reporting;

(2) No significant changes in accounting policies were made during the year; and

(3) We have no knowledge of any fraud or suspected fraud involving management or other employees who have a significant role in the Company's internal control over financial reporting. In addition, we have no knowledge of any fraud or suspected fraud involving other employees where the fraud could have a material effect on the financial statements.

Rajesh Kumar
Chief Executive Officer & WTD

Amit Gupta
Chief Financial Officer

Place: New Delhi
Date: 20th April 2023

Operations

I. Korba

i. 2.45 LTPA pre-bake Aluminium smelter
ii. 3.25 LTPA pre-bake Aluminium smelter
iii. 810 MW Captive power plants, comprising 4x67.5 MW (270 MW) and 4x135 MW (540 MW) units
iv. 1200 MW TPP (3x300 CPP & 1x300 IPP)

II. Bauxite Mines at Bodai Daldali (Kabirdham District) & Mainpat Mines

III. Coal Mines at Chotia and Barra

Address of Correspondence
Mr. Prateek Jain
Company Secretary
Bharat Aluminium Company Limited
Aluminium Sadan, Scope Office Complex, Core-6,
7 Lodhi Road, New Delhi 110003.

BHARAT ALUMINIUM CO. LTD. KORBA

Independent Auditor's Report

To the Members of **Bharat Aluminium Company Limited**

Report on the Audit of the Financial Statements

Opinion

We have audited the accompanying financial statements of Bharat Aluminium Company Limited ("the Company"), which comprise the Balance sheet as at March 31 2023, the Statement of Profit and Loss, including the statement of Other Comprehensive Income, the Cash Flow Statement and the Statement of Changes in Equity for the year then ended, and notes to the financial statements, including a summary of significant accounting policies and other explanatory information.

In our opinion and to the best of our information and according to the explanations given to us, the aforesaid financial statements give the information required by the Companies Act, 2013, as amended ("the Act") in the manner so required and give a true and fair view in conformity with the accounting principles generally accepted in India, of the state of affairs of the Company as at March 31, 2023, its profit/loss including other comprehensive income, its cash flows and the changes in equity for the year ended on that date.

Basis for Opinion

We conducted our audit of the financial statements in accordance with the Standards on Auditing (SAs), as specified under section 143(10) of the Act. Our responsibilities under those Standards are further described in the 'Auditor's Responsibilities for the Audit of the Financial Statements' section of our report. We are independent of the Company in accordance with the 'Code of Ethics' issued by the Institute of Chartered Accountants of India together with the ethical requirements that are relevant to our audit of the financial statements under the provisions of the Act and the Rules thereunder, and we have fulfilled our other ethical responsibilities in accordance with these requirements and the Code of Ethics. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion on the financial statements.

Information Other than the Financial Statements and Auditor's Report Thereon

The Company's Board of Directors is responsible for the other information. The other information comprises the information included in the Annual report, but does not include the financial statements and our auditor's report thereon.

Our opinion on the financial statements does not cover the other information and we do not express any form of assurance conclusion thereon.

In connection with our audit of the financial statements, our responsibility is to read the other information and, in doing so, consider whether such other information is materially inconsistent with the financial statements or our knowledge obtained in the audit or otherwise appears to be materially misstated. If, based on the work we have performed, we conclude that there is a material misstatement of this other information, we are required to report that fact. We have nothing to report in this regard.

Responsibility of Management and Those Charged with Governance for the Financial Statements

The Company's Board of Directors is responsible for the matters stated in section 134(5) of the Act with respect to the preparation of these financial statements that give a true and fair view of the financial position, financial performance including other comprehensive income, cash flows and changes in equity of the Company in accordance with the accounting principles generally accepted in India, including the Indian Accounting Standards (Ind AS) specified under section 133 of the Act read with the Companies (Indian Accounting Standards) Rules, 2015, as amended. This responsibility also includes maintenance of adequate accounting records in accordance with the provisions of the Act for safeguarding of the assets of the Company and for preventing and detecting frauds and other irregularities; selection and application of appropriate accounting policies; making judgments and estimates that are reasonable and prudent; and the design, implementation and maintenance of adequate internal financial controls, that were operating effectively for ensuring the accuracy and completeness of the accounting records, relevant to the preparation and presentation of the financial statements that give a true and fair view and are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is responsible for assessing the Company's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless management either intends to liquidate the Company or to cease operations, or has no realistic alternative but to do so.

Those charged with governance are also responsible for overseeing the Company's financial reporting process.

Auditor's Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with SAs will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these financial statements.

As part of an audit in accordance with SAs, we exercise professional judgment and maintain professional skepticism throughout the audit. We also:

- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances. Under section 143(3)(i) of the Act, we are also responsible for expressing our opinion on whether the Company has adequate internal financial controls with reference to financial statements in place and the operating effectiveness of such controls.
- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by management.
- Conclude on the appropriateness of management's use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the Company's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our auditor's report to the related disclosures in the financial statements or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditor's report. However, future events or conditions may cause the Company to cease to continue as a going concern.
- Evaluate the overall presentation, structure and content of the financial statements, including the disclosures, and whether the financial statements represent the underlying transactions and events in a manner that achieves fair presentation.

We communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit.

We also provide those charged with governance with a statement that we have complied with relevant ethical requirements regarding independence, and to communicate with them all relationships and other matters that may reasonably be thought to bear on our independence, and where applicable, related safeguards.

Report on Other Legal and Regulatory Requirements

1. As required by the Companies (Auditor's Report) Order, 2020 ("the Order"), issued by the Central Government of India in terms of sub-section (11) of section 143 of the Act, we give in the "Annexure 1" a statement on the matters specified in paragraphs 3 and 4 of the Order.
2. As required by Section 143(3) of the Act, we report that:

   (a) We have sought and obtained all the information and explanations which to the best of our knowledge and belief were necessary for the purposes of our audit;

   (b) In our opinion, proper books of accounts required by law have been kept by the Company so far as it appears from our examination of those books;

   (c) The Balance Sheet, the Statement of Profit and Loss including the Statement of Other Comprehensive Income, the Cash Flow Statement and Statement of Changes in Equity dealt with by this Report are in agreement with the books of account;

   (d) In our opinion, the aforesaid financial statements comply with the Accounting Standards specified under Section 133 of the Act, read with Companies (Indian Accounting Standards) Rules, 2015, as amended;

   (e) On the basis of the written representations received from the directors as on March 31, 2023 taken on record by the Board of Directors, none of the directors is disqualified as on March 31, 2023 from being appointed as a director in terms of Section 164 (2) of the Act;

   (f) With respect to the adequacy of the internal financial controls with reference to these financial statements and the operating effectiveness of such controls, refer to our separate Report in **"Annexure 2"** to this report;

   (g) In our opinion, to the best of our information and according to the explanations given to us, and as more fully described in Note 32 to these financial statements:

   - Remuneration paid to an erstwhile whole-time director (who ceased to be a whole-time director with effect from February 15, 2023) is in excess of the limits prescribed under section 197 of the Act, read with Schedule V thereto, by ₹ 3.77 crores. The waiver of recovery of excess remuneration is pending approval from the shareholders of the company in the ensuing Annual General Meeting.
   - A whole-time director was appointed by the Board of Directors with effect from February 15, 2023. The terms and conditions of the appointment and remuneration have been approved by the Board of Directors and is pending approval of the shareholders of the Company. Pending the approval of quantum of remuneration, we are not in a position to comment on compliance with Section 197 of the Act.

   (h) With respect to the other matters to be included in the Auditor's Report in accordance with Rule 11 of the Companies (Audit and Auditors) Rules, 2014, as amended in our opinion and to the best of our information and according to the explanations given to us:

   i. The Company has disclosed the impact of pending litigations on its financial position in its financial statements - Refer Note 26 & 40; to the financial statements;

   ii. The Company did not have any long-term contracts including derivative contracts for which there were any material foreseeable losses

   iii. There were no amounts which were required to be transferred to the Investor Education and Protection Fund by the Company.

   iv. a) The management has represented that, to the best of its knowledge and belief, no funds have been advanced or loaned or invested (either from borrowed funds or share premium or any other sources or kind of funds) by the Company to or in any other person(s) or entity(ies), including foreign entities ("Intermediaries"), with the understanding, whether recorded in writing or otherwise, that the Intermediary shall, whether, directly or indirectly lend or invest in other persons or entities identified in any manner whatsoever by or on behalf of the Company ("Ultimate Beneficiaries") or provide any guarantee, security or the like on behalf of the Ultimate Beneficiaries;

   b) The management has represented that, to the best of its knowledge and belief, , no funds have been received by the Company from any person(s) or entity(ies), including foreign entities ("Funding Parties"), with the understanding, whether recorded in writing or otherwise, that the Company shall, whether, directly or indirectly, lend or invest in other persons or entities identified in any manner whatsoever by or on behalf of the Funding Party ("Ultimate Beneficiaries") or provide any guarantee, security or the like on behalf of the Ultimate Beneficiaries; and

   c) Based on such audit procedures performed that have been considered reasonable and appropriate in the circumstances, nothing has come to our notice that has caused us to believe that the representations under sub-clause (a) and (b) contain any material misstatement.

   v. No dividend has been declared or paid during the year by the Company.

   vi. As proviso to Rule 3(1) of the Companies (Accounts) Rules, 2014 is applicable for the Company only w.e.f. April 1, 2023, reporting under this clause is not applicable.

For **S.R. Batliboi & Co. LLP**
Chartered Accountants
ICAI Firm Registration Number: 301003E/E300005

per Bhaswar Sarkar
Partner
Membership Number: 055596
UDIN: 23055596BGYFRS5196
Place of Signature: Kolkata
Date: April 20, 2023

BHARAT ALUMINIUM CO. LTD. balco KORBA

Annexure 1 referred to in paragraph 1 of the section on "Report on other legal and regulatory requirements" of our report of even date

TO THE MEMBERS OF **BHARAT ALUMINIUM COMPANY LIMITED**

(i) (a) (A) The Company has maintained proper records showing full particulars, including quantitative details and situation of property, plant and equipment.

(B) The Company has maintained proper records showing full particulars of intangibles assets.

(b) All property, plant and equipment were physically verified by the management during the financial year 2020-2021 in accordance with a planned programme of verifying them once in three years which is reasonable having regard to the size of the Company and the nature of its assets.

(c) According to the information and explanations provided to us, the title deeds of immovable properties (other than properties where the Company is the lessee and the lease agreements have been duly executed in favour of the Company) disclosed in note 4 to the financial statements are held in the name of the Company except for 1 immovable property mentioned below for which title deed has not been made available to us. Consequently, we are unable to comment on the same.

Description of Property	Gross carrying value- as at March 31, 2023 ₹ In Crs.	Held in name of	Whether promoter, director or their relative or employee	Period held - indicate range, where appropriate	Reason for not being held in the name of Company, Also indicate if in dispute
Land	3.60	National Thermal Power Corporation Ltd (NTPC)	No	Since 20th June 2002, as informed by management	206.18 acres of freeholds land transferred to the Company by NTPC is yet to be registered in favour of the Company due to non-availability of title deeds from NTPC. 'In this matter, arbitration was held where the Ld. Arbitrator passed the award in favour of the Company but directed that transfer of title deeds of land will be effected by the Central Government with the assistance of State Government. The Company has filed a petition before the Hon'ble Delhi High Court for transfer of title.

(d) According to the information and explanations provided to us, the Company has not revalued its Property, Plant and Equipment (including Right of use assets) or intangible assets during the year ended March 31, 2023.

(e) According to the information and explanations provided to us, there are no proceedings initiated or are pending against the Company for holding any benami property under the Prohibition of Benami Property Transactions Act, 1988 and rules made thereunder.

(ii) (a) The inventories have been physically verified by the management during the year except for those lying with third parties. In our opinion, the frequency of verification by the management is reasonable and the coverage and procedure for such verification is appropriate. Inventories lying with third parties have been confirmed by those parties them as at the year end and no discrepancy in excess of 10% in aggregate between such confirmations and books and records maintained by the Company for each class of inventory has been identified.

(b) As disclosed in note 22 to the financial statements, the Company has been sanctioned working capital limits in excess of Rs. five crores in aggregate from banks during the year against security of its current assets. The quarterly returns/ statements filed by the Company with such banks and financial institutions are in agreement with the books of account of the Company.

(iii) (a) According to the information and explanations provided to us, during the year the Company has made investments and granted loans to other parties. The Company has not provided guarantees or securities to companies, firms, limited liability partnerships or any other parties during the year.

(b) According to the information and explanations provided to us, during the year the investments made to company and loans given are not prejudicial to the Company's interest. Also, during the year the Company has not provided guarantees, security to companies, firms, limited liability partnerships or any other parties.

(c) According to the information and explanations provided to us, the Company has granted loans during the year to any other parties where the schedule of repayment of principal has been stipulated and the repayment or receipts are regular.

(d) According to the information and explanations provided to us, there are no amounts of loans granted to any other parties which are overdue for more than ninety days.

(e) According to the information and explanations provided to us, there were no loans granted to any other parties which was fallen due during the year, that have been renewed or extended or fresh loans granted to settle the overdues of existing loans given to the same parties.

(f) According to the information and explanations provided to us, the Company has not granted any loans or advances in the nature of loans, either repayable on demand or without specifying any terms or period of repayment to companies, firms, limited liability partnerships or any other parties. Therefore, the requirement to report on clause 3(iii)(f) of the Order is not applicable to the Company and hence not commented upon.

(iv) According to the information and explanations provided to us, loans, investments, guarantees and security in respect of which provisions of section 185 and 186 of the Companies Act, 2013 are applicable have been complied with by the Company.

(v) The Company has neither accepted any deposits from the public nor accepted any amounts which are deemed to be deposits within the meaning of sections 73 to 76 of the Companies Act and the rules made thereunder, to the extent applicable. Therefore, the requirement to report on clause 3(v) of the Order is not applicable and hence not commented upon.

(vi) We have broadly reviewed the books of account maintained by the Company pursuant to the rules made by the Central Government for the maintenance of cost records under section 148(1) of the Act, related to the manufacture of Company's products and generation of electrical energy and are of the opinion that prima facie, the specified accounts and records have been made and maintained. We have, however, not made a detailed examination of the same.

(vii) (a) Undisputed statutory dues including goods and services tax, provident fund, employees' state insurance, income-tax, duty of custom, cess and other applicable statutory dues have generally been regularly deposited with the appropriate authorities during the year though there have been slight delays in a few cases. During the year, the Company did not have any undisputed dues towards sales tax, service tax, duty of excise and value added tax. According to the information and explanations given to us and based on audit procedures performed by us, no undisputed amounts payable in respect of applicable statutory dues were outstanding, at the year end, for a period of more than six months from the date they became payable.

(b) According to the records of the Company, dues of goods and services tax, provident fund, employees' state insurance, income-tax, sales-tax, service tax, duty of custom, duty of excise, value added tax, cess, and other statutory dues that have not been deposited on account of any dispute are as set out in the attached Annexure 1 (a) together with relevant details.

(viii) According to the information and explanations provided to us, the Company has not surrendered or disclosed any income in tax assessments during the year under the Income Tax Act, 1961 arising from any transaction, previously not recorded in the books of account. Therefore, the requirement to report on clause 3(viii) of the Order is not applicable and hence not commented upon.

(ix) (a) According to information and explanations provided to us, the Company has not defaulted in repayment of loans or other borrowings or in the payment of interest thereon to any lender. Therefore, the requirement to report on clause 3(ix)(a) of the Order is not applicable and hence not commented upon.

BHARAT ALUMINIUM CO. LTD. ★ KORBA ★

(b) According to information, explanations and representation provided to us, the Company has not been declared willful defaulter by any bank or financial institution or government or any government authority.

(c) According to information and explanations provided to us and based on the overall examination of the financial statements, term loans obtained by the Company were applied for the purpose for which these loans were obtained.

(d) According to the information and explanations provided to us, on an overall examination of the financial statements of the Company, the Company has used funds raised on short-term basis in the form of working capital, short term borrowings from banks and current liabilities aggregating to ₹ 1,773.08 Crores for long term purposes representing acquisition of property plant and equipment.

(e) The Company does not have any subsidiary, associate or joint venture. Therefore, the requirement to report on clause 3(ix)(e) of the Order is not applicable and hence not commented upon.

(f) The Company does not have any subsidiary, associate or joint venture. Therefore, the requirement to report on Clause 3(ix)(f) of the Order is not applicable and hence not commented upon.

(x) (a) According to the information and explanations provided to us, the Company has not raised any money during the year by way of initial public offer / further public offer (including debt instruments). Therefore, the requirement to report on clause 3(x)(a) of the Order is not applicable and hence not commented upon.

(b) According to the information and explanations provided to us, the Company has not made any preferential allotment or private placement of shares / fully or partially or optionally convertible debentures during the year. Therefore, the requirement to report on clause 3(x)(b) of the Order is not applicable and hence not commented upon.

(xi) (a) Based upon the audit procedures performed for the purpose of reporting the true and fair view of the financial statements and according to the information and explanations provided to us, we report that no fraud by the Company or no material fraud on the Company by the officers and employees of the Company has been noticed or reported during the year.

(b) During the year, no report under sub-section (12) of section 143 of the Companies Act, 2013 has been filed by cost auditor or secretarial auditor or by us in Form ADT - 4 as prescribed under Rule 13 of Companies (Audit and Auditors) Rules, 2014 with the Central Government.

(c) In our opinion, we have taken into consideration the whistle blower complaints received by the Company during the year as made available to us by the management while determining the nature, timing and extent of audit procedures.

(xii) In our opinion, the Company is not a nidhi Company as per the provisions of the Companies Act, 2013. Therefore, the requirements to report on clause 3(xii) (a) (b) and (c) of the Order are not applicable to the Company and hence not commented upon.

(xiii)According to the information and explanations given by the management, transactions with the related parties are in compliance with sections 177 and 188 of Companies Act, 2013 where applicable and details of such transactions have been disclosed in the notes to the financial statements for the year, as required by applicable accounting standards.

(xiv)(a) In our opinion and according to the information and explanations provided to us, the Company has an internal audit system commensurate with the size and nature of its business.

(b) In our opinion and according to the information and explanations provided to us, the internal audit reports pertaining to the year under audit that have been issued till the date of this audit report, have been considered by us while determining the nature, timing and extent of our audit procedures.

(xv) According to the information and explanations provided to us, the Company has not entered into any non-cash transactions with its directors or persons connected with its directors. Therefore, requirement to report on clause 3(xv) of the Order is not applicable to the Company and hence not commented upon.

(xvi)In our opinion and according to the information and explanations given to us, the provisions of section 45-IA of the Reserve Bank of India Act, 1934 (2 of 1934) are not applicable to the Company. Therefore, the requirement to report on clause (xvi)(a) to (d) of the Order is not applicable and hence not commented upon.

(xvii)According to the information and explanations provided to us, the Company has not incurred cash losses in the current year and in the immediately preceding financial year. Therefore, the requirement to report on clause 3(xvii) of the Order is not applicable and hence not commented upon.

(xviii) There has been no resignation of statutory auditors of the Company during the year. Accordingly, requirement to report on Clause 3(xviii) of the Order is not applicable and hence not commented upon.

(xix)In our opinion and according to the information and explanations provided to us and on the basis of the financial ratios disclosed in note 47 to the financial statements, ageing and expected dates of realization of financial assets and payment of financial liabilities, other information accompanying the financial statements, our knowledge of the plans of the Board of Directors and management nothing has come to our attention, which causes us to believe that any material uncertainty exists as on the date of our audit report that the Company is not capable of meeting its liabilities as at the date of balance sheet as and when they fall due within a period of one year from the date of balance sheet. We, however, state that this is not an assurance as to the future viability of the Company. We further state that our reporting is based on the facts up to the date of the audit report and we neither give any guarantee nor any assurance that that all liabilities falling due within a period of one year from the balance sheet date, will get discharged by the Company as and when they fall due.

(xx) (a) In our opinion and according to the information and explanations provided to us, there are no unspent amounts in respect of projects other than those ongoing that are required to be transferred to a fund specified in Schedule VII of the Companies Act (the Act), in accordance with second proviso to sub section 5 of section 135 of the Act. Therefore, the requirement to report on clause 3(xx)(a) of the Order is not applicable and hence not commented upon.

(b) In our opinion and according to the information and explanations provided to us, there are no unspent amounts in respect of ongoing projects, that are required to be transferred to a special account in accordance of provision of sub section 6 of section 135 of the Act. Therefore, the requirement to report on clause 3(xx)(b) of the Order is not applicable and hence not commented upon.

For **S.R. Batliboi & Co. LLP**
Chartered Accountants
ICAI Firm Registration Number: 301003E/E300005

per Bhaswar Sarkar
Partner
Membership Number: 055596
UDIN: 23055596BGYFRS5196
Place of Signature: Kolkata
Date: April 20, 2023

BHARAT ALUMINIUM CO. LTD. balco KORBA

ECR Calculation for FY 2022 - 23 (Annexure-8)

S. No.	Particular	Unit	Submitted by Petitioner	
			Normative	Actual
1	Aux	%		7.76%
2 (a)	CVPF	kCal /kg		3515
2 (b)	CVPF {As per clause 45.5 of CSERC Tariff Regulation 2021}	kCal /kg		3430
3	CVSF	kCal /ml		10.68
4	GSHR	kCal /kWh		2,509
5	LPPF	₹/kg		5.29
6	SFC	ml/kWh		0.30
7	LPSFi	₹/ml		0.07
8	**ECR (Ex-Bus)**	**₹/kWh**	**0**	**4.210**

BHARAT ALUMINIUM CO. LTD. balco KORBA