## NAME OF THE INDUSTRY - : Indian Metals & Ferro Alloys Ltd MONTH WISE STATUS OF UTILIZATION OF COAL ASH (FLY ASH AND BOTTOM ASH)

SL NO	Month- Year	Coal Consumption (MT)	Power Generation (MW)	Quantity of Fly ash Generated (MT)	Quantity of Bottom ash Generated (MT)	Total ash Generated (MT)	Disposal Method	Brick Manufacturi ng (MT) (own)	Supplied to other Brick / Block Manufactu ring	Mine void Fillin (MT	Quarry g )	Utilization in Embankmen t/Dyke Raising (MT)			Other pu	rpose (	МТ)			Total ash Utilized (MT)		% of Utilization
								(0)	Industries (MT)	Quarry Filling	Coal Mine Void Filling	Dyke Raising	Road Making	RMC	Small land fill	Tiles	Aggregates	Cement Making	From Current month	From Previous stock	Total ash utilized	
1	April-2022	87471.1	87425.9	28557	10892	39449	By Dumper / Bulker	0	10400	22360	0	0	0	0	0	0	0	6689	39449	0	39449	100
2	May-2022	95330.6	87743.3	28959	15205	44164	By Dumper / Bulker	856	12772	28247	0	0	384	0	0	0	0	1905	44164	0	44164	100
3	June-2022	96694.2	84257.4	33526	12347	45873	By Dumper / Bulker	1591	14180	25795	0	0	0	0	0	0	0	4307	45873	0	45873	100
4	July-2022	108791.7	96395.8	47089	5704	52793	By Dumper / Bulker	0	13860	29572	0	0	0	0	0	0	0	9361	52793	0	52793	100
5	Aug-2022	94940.4	89345	39411	5158	44569	By Dumper / Bulker	0	12416	24962	0	0	0	0	0	0	0	7191	44569	0	44569	100
6	Sept-2022																					
7	Octo-2022																					
8	Nov-2022																					
9	Dec-2022																					
10	Jan-2023																					
11	Feb-2023																					
12	Mar-2023																					
-	Γotal	483228	445167.4	177542	49306	226848		2447	63628	130936	0	0	384	0	0	0	0	29453	226848	0	226848	100.00

Note : MT = Metric ton

Name	of the Power Utility: Indian Metals & Ferro Alloys L	s Ltd. Name of the Thermal Power Plant (Capacity in MW) Indian Metals & Ferro Alloys Ltd. 50MW + 30 MW + 120 MW = Total 200 MV								
	Details of	f ash uti	lization	during the I						
SI. No.	Name of Ash Disposal Area	Ash disposal area in Hectare	Design Life of Ash	Pond Ash Availability in MT (up to 31.08.2022)	Ash G in MT d Augu	enerated luring the ist 2022	Ash U during	tilized August	2022	Pond Ash Availability in MT (up to 01.09.2022)
					ESP Fly Ash	Ash	Dry ESP F and botto	m ash	Pond Ash	
(1)	(2) IDCO land and Puspangi	(3) 50.64	(4) 20 yrs	(5) Nil	(6) 39411	(7) 5158	445	,	(9) Nil	(10) Nil
			ASH UTI	LIZATION DETA	ILS	•				•
SI. No.	Area of Utilization			Month (August zed in MT	2022)		Cun			ear (FY 22-23) ed in MT
110.		Dry ESF	P Fly Ash	Bottom Ash	Por	nd Ash	Dry ESP F	Fly Ash a		Pond Ash
1	Bricks/Blocks/Tiles industies									
1A	Dry ESP Fly Ash Issued to Bricks/Blocks/Tiles industies (Outside)	12	416	Nil		Nil				
1B	Pond Ash Issued to Bricks/Blocks/Tiles industries (Outside)	N	Nil	Nil		Nil				
	Fly Ash issued for Bricks/Blocks/Tiles in Own Plant			Nil		Nil				
	a) Dry ESP Fly Ash issued		0	Nil		Nil				
	b) Pond ash issued		Nil	Nil	_	Nil				
	Sub-Total Total fly ash Issued to Bricks/Block/Tile Industries		0 416	Nil Nil		Nil Nil	66075			Nil
2	(1A+1B+1C) Cement Industries				<u> </u>		66075			
	Dry ESP Fly Ash Issued to Cement Industries									
	a) Cement	71	I91							
	b) RMC		0							
	c) Asbestos									
	Sub-Total	71	191							
2B	Pond Ash Issued to Cement Industries  Total Fly Ash Issued to Cement Industries (2A+2B)	71	 191					29453		Nil
3	Roads, Fly over /Rail Embankment	• •						20 100		1111
	Dry ESP Fly Ash Issued for Road construction (Outside)		0							
3B	Pond Ash Issued for Road construction (Outside)	١	Nil							
	Total Fly Ash Issued for Road Construction (3A+3B)		0					384		Nil
4	Total Fly Ash issued for Part replacement of cement in concrete	١	Nil					Nil		Nil
5	Total Fly ash supplied to Hydro power sector	١	Nil					Nil		Nil
6	Total Fly ash used for Ash Dyke raising	١	Nil					Nil		Nil
	Landfill/Reclaimation of low lying area									
	a) Power Utility Own Land		Nil					Nil		Nil
	b)Outside Land  Total Fly Ash used for Landfill/Reclaimation of low		962					130936		Nil
	lying area	24	962					130936		Nil
8	Mine filling a) Open cast mine									
	a) Open cast mine b) U.G.Mine									
	Total Fly Ash used for Mine filling	N	Nil					Nil		Nil
	Agriculture / waste land development									
	Dry ESP Fly Ash Issued for Agriculture / waste land development									
9B	Pond Ash Issued forAgriculture / waste land development									
10	Total Fly Ash Issued to Agriculture/ waste land development (9A+9B) Others	Nil					Nil			Nil
10	a) CLSM									
	b) Cenospheres c) Bottom ash cover									
	d) Any other (Low Density Aggregates) own		0							
	Total Fly Ash Issued for other purpose		0					0		Nil
	Grand Total	44	569					226848		Nil

STATUS OF UTILISATION OF COAL ASH (FLY ASH) for August' 2022  ANNEXURE-I																						
2 2	I. Name co. address	of installed	coal	fly ash	Capacity of dry fly ash storage silo (MT)	Disposal method (Dry / HCSD/Lean	Fly ash	Cement manufactur ing	Ready mix concrete	Ash and Geo- Polymer based	Manufacturi ng of sintred or cold		of Utilisatio	n (MT)	mine voids	Use Overbur den dumps	Agriculture			Others	Ash utilised for the Reporting period	% Ash utilised for the Reporting period
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	1 Indian Metals & Ferro Alla Ltd, Choudw	ys 200 MW PP	94940.4	39411	3650	Dry	12416	7191	0	0	0	0	0	19804	0	0	0	0	0	0	39411	100



						STA	ATUS OF	UTILISATIO	ON OF CO	AL ASH	(BOTTOM	ASH) fo	r August' 202	22				A	NNEXURE	<u>-11</u>			
			Power plant											of Utilisation	<u> </u>							Ash	% Aab
		ddress of the TPP	installed capacity	of coal consumed during the reporting period	bottom ash generated (MT)	bottom	method (Dry / HCSD/ Lean	Bottom ash based products (Bricks/bl ocks/tiles, fibre, cement sheets, pipes, boards, panels etc)	Cement manufactur ing	concrete	Geo-	uring of sintred or cold bonded	Construction of roads/road and fly over embankment	n of Dams	Filling of low lying areas	of mine voids	Use Overbu rden dumps	Agriculture	Constructi on of shoreline protection structures in coastal districts	ash to other	Others	Reporti	Reporti
Ę		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	Me Fe Ltc	noudwar	200 MW PP	94940.4	5158	1200	Dry	0	0	0	0	0	0	0	5158	0	0	0	0	0	0	5158	100