

NAME OF THE INDUSTRY - : Indian Metals & Ferro Alloys Ltd MONTH WISE STATUS OF UTILIZATION OF COAL & BIOMASS ASH (FLY ASH AND BOTTOM ASH)																							
SL NO	Month-Year	Coal Consumption (MT)	Biomass consumption (MT)	Power Generation (MW)	Quantity of Fly ash Generated (MT)	Quantity of Bottom ash Generated (MT)	Total ash Generated (MT)	Disposal Method	Brick Manufacturing (MT) (own)	Supplied to other Brick / Block Manufacturing Industries (MT)	Quarry Filling	Mine void Quarry Filling (MT)	Utilization in Embankment/Dyke Raising (MT)	Other purpose (MT)						Total ash Utilized (MT)			% of Utilization
												Mine Void Filling		Road Making	RMC	Small land fill	Tiles	Aggregates	Cement Making	From Current month	From Previous stock	Total ash utilized	
1	Apr-23	93897.8	0	96073.7	38088	5120	43208	By Dumper /Bulk	1618	22948	11693	2468	0	0	0	0	0	0	4481	43208	0	43208	100
2	May-23	93394.6	0	95287.9	36374	6283	42657	By Dumper /Bulk	840	19692	12705	2966	0	0	0	0	0	0	6454	42657	0	42657	100
3	Jun-23	97573.3	0	96745.2	37001	7596	44597	By Dumper /Bulk	0	17225	13376	2535	0	0	0	0	0	2606	8855	44597	0	44597	100
4	Jul-23	103882.4	0	101267.1	37464	10185	47649	By Dumper /Bulk	837	25625	12115	4374	0	0	0	0	0	0	4698	47649	0	47649	100
5	Aug-23	100406.142	40.650	99906.7	37920	7859	45779	By Dumper /Bulk	782	25170	11475	5174	0	0	0	0	0	0	3178	45779	0	45779	100
6	Sep-23	97888.6	0	94076.6	34319	10652	44971	By Dumper /Bulk	827	20775	15466	3503	0	0	0	0	0	0	4400	44971	0	44971	100
7	Oct-23	104134.8	0	98800.1	36479	13466	49945	By Dumper /Bulk	809	17844	25470	95	0	0	0	0	0	0	5727	49945	0	49945	100
8	Nov-23	106675	0	99605	47721	5337	53058	By Dumper /Bulk	787	30500	14695	0	0	0	0	0	0	0	7076	53058	0	53058	100
Total		797852.642	40.65	781762.3	305366	66498	371864		6500	179779	116995	21115	0	0	0	0	0	2606	44869	371864	0	371864	100

Note : MT = Metric ton
Bottom ash is being sent to Mahagiri Chromite Mines of IMFA at Kaliapani for backfilling.

Name of the Power Utility : Indian Metals & Ferro Alloys Ltd.				Name of the Thermal Power Plant (Capacity in MW) Indian Metals & Ferro Alloys Ltd. 50MW + 30 MW + 120 MW = Total 200 MW					
Details of ash utilization during the Month of November' 2023									
Sl. No.	Name of Ash Disposal Area	Ash disposal area in Hectare	Design Life of Ash disposal area	Pond Ash Availability in MT (up to 30.11.2023)	Ash Generated in MT during the November 2023		Ash Utilized in MT during November 2023		Pond Ash Availability in MT (up to 01.12.2023)
					ESP Fly Ash	Bottom Ash	Dry ESP Fly Ash and bottom ash	Pond Ash	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1	IDCO land and Puspangi	50.64	20 yrs	Nil	47721	5337	53058	Nil	Nil
ASH UTILIZATION DETAILS									
Sl. No.	Area of Utilization	For the Month (November 2023)			Cumulative for Year (FY 23-24)				
		Ash utilized in MT			Ash Utilized in MT				
		Dry ESP Fly Ash	Bottom Ash	Pond Ash	Dry ESP Fly Ash and bottom ash	Pond Ash			
1	Bricks/Blocks/Tiles industries								
1A	Dry ESP Fly Ash Issued to Bricks/Blocks/Tiles industries (Outside)	30500	Nil	Nil					
1B	Pond Ash Issued to Bricks/Blocks/Tiles industries (Outside)	Nil	Nil	Nil					
1C	Fly Ash issued for Bricks/Blocks/Tiles in Own Plant		Nil	Nil					
	a) Dry ESP Fly Ash issued	787	Nil	Nil					
	b) Pond ash issued	Nil	Nil	Nil					
	Sub-Total	787	Nil	Nil					
	Total fly ash Issued to Bricks/Block/Tile Industries (1A+1B+1C)	31287	Nil	Nil			186279		Nil
2	Cement Industries								
2A	Dry ESP Fly Ash Issued to Cement Industries								
	a) Cement	7076							
	b) RMC	0							
	c) Asbestos								
	Sub-Total	7076							
2B	Pond Ash Issued to Cement Industries								
	Total Fly Ash Issued to Cement Industries (2A+2B)	7076					44869		Nil
3	Roads, Fly over /Rail Embankment								
3A	Dry ESP Fly Ash Issued for Road construction (Outside)	0							
3B	Pond Ash Issued for Road construction (Outside)	Nil							
	Total Fly Ash Issued for Road Construction (3A+3B)	0					0		Nil
4	Total Fly Ash issued for Part replacement of cement in concrete	Nil					Nil		Nil
5	Total Fly ash supplied to Hydro power sector	Nil					Nil		Nil
6	Total Fly ash used for Ash Dyke raising	Nil					Nil		Nil
7	Landfill/Reclamation of low lying area								
	a) Power Utility Own Land	Nil					Nil		Nil
	b)Outside Land	14695					116995		Nil
	Total Fly Ash used for Landfill/Reclamation of low lying area	14695					116995		Nil
8	Mine filling								
	a) Open cast mine	0							
	b) U.G.Mine	0							
	Total Fly Ash used for Mine filling	0					21115		Nil
9	Agriculture / waste land development								
9A	Dry ESP Fly Ash Issued for Agriculture / waste land development								
9B	Pond Ash Issued forAgriculture / waste land development								
	Total Fly Ash Issued to Agriculture/ waste land development (9A+9B)	Nil					Nil		Nil
10	Others								
	a) CLSM								
	b) Cenospheres								
	c) Bottom ash cover								
	d) Any other (Low Density Aggregates) own	0							
	Total Fly Ash Issued for other purpose	0					2606		Nil
	Grand Total	53058					371864		Nil

Bottom ash -collected from the bottom of furnace

Dry ESP Fly Ash - Collected from ESP and stored in Silo

Pond Ash - Fly ash and bottom ashStored in Pond

CLSM - Controlled Low strength Material

MT = Metric ton

[illegible]

ANNEXURE-II

[illegible]