

**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 Manufacturing (MT) (own)	Supplied to other Brick / Block Manufacturing Industries (MT)	Mine void Quarry Filling (MT)		Utilization in Embankment/Dyke Raising (MT)	Other purpose (MT)						Total ash Utilized (MT)			% of Utilization
										Quarry Filling	Mine Void Filling		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	92883	87400	39547	4422	43969	By Dumper / Bulker	837	12580	19868	211	0	132	0	0	0	0	10341	43969	0	43969	100
7	Octo-2022	94668.8	98695.6	37489	5201	42690	By Dumper / Bulker	0	14180	23483	696	0	0	0	0	0	0	4331	42690	0	42690	100
8	Nov-2022	92132.4	94528.3	32982	8672	41654	By Dumper / Bulker	0	16460	19704	1529	0	0	0	0	0	0	3961	41654	0	41654	100
9	Dec-2022	77010.6	77418.9	26823	8073	34896	By Dumper / Bulker	1371	15700	16084	0	0	0	0	0	0	0	1741	34896	0	34896	100
10	Jan-2023	84854.4	88483.8	33524	5021	38545	By Dumper / Bulker	307	17888	15837	687	0	0	0	0	0	0	3826	38545	0	38545	100
11	Feb-2023																					
12	Mar-2023																					
Total		924777.2	891694.0	347907	80695	428602		4962	140436	225912	3123	0	516	0	0	0	0	53653	428602	0	428602	100.00

**Note : MT = Metric ton**

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 January 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 31.12.2022)	Ash Generated in MT during the January 2023		Ash Utilized in MT during January 2023		Pond Ash Availability in MT ( up to 01.02.2023)
					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	33524	5021	38545	Nil	Nil
ASH UTILIZATION DETAILS									
Sl. No.	Area of Utilization	For the Month (January 2023) Ash utilized in MT			Cummulative for Year (FY 22-23) 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)	17888	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	307	Nil	Nil					
	b) Pond ash issued	Nil	Nil	Nil					
	Sub-Total	307	Nil	Nil					
	Total fly ash Issued to Bricks/Block/Tile Industries (1A+1B+1C)	18195	Nil	Nil			145398		Nil
2	Cement Industries								
2A	Dry ESP Fly Ash Issued to Cement Industries								
	a) Cement	3826							
	b) RMC	0							
	c) Asbestos								
	Sub-Total	3826							
2B	Pond Ash Issued to Cement Industries								
	Total Fly Ash Issued to Cement Industries (2A+2B)	3826					53653		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					516		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	15837					225912		Nil
	Total Fly Ash used for Landfill/Reclamation of low lying area	15837					225912		Nil
8	Mine filling								
	a) Open cast mine	0							
	b) U.G.Mine	687							
	Total Fly Ash used for Mine filling	687					3123		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					0		Nil
	Grand Total	38545					428602		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

### STATUS OF UTILISATION OF COAL ASH (FLY ASH) for January' 2023

## ANNEXURE-I

[illegible]





















## ANNEXURE-II

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