

**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	Coal 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																					
4	July-2022																					
5	Aug-2022																					
6	Sept-2022																					
7	Octo-2022																					
8	Nov-2022																					
9	Dec-2022																					
10	Jan-2023																					
11	Feb-2023																					
12	Mar-2023																					
Total		182801.7	175169.2	57516	26097	83613		856	23172	50607	0	0	384	0	0	0	0	8594	83613	0	83613	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 May 2022									
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 31.05.2022)	Ash Generated in MT during the May 2022		Ash Utilized in MT during May 2022		Pond Ash Availability in MT ( up to 01.06.2022)
					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	28959	15205	44164	Nil	Nil
ASH UTILIZATION DETAILS									
Sl. No.	Area of Utilization	For the Month (May 2022) 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)	12772		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	856		Nil		Nil			
	b) Pond ash issued	Nil		Nil		Nil			
	Sub-Total	856		Nil		Nil			
	Total fly ash Issued to Bricks/Block/Tile Industries (1A+1B+1C)	13628		Nil		Nil	24028		Nil
2	Cement Industries								
2A	Dry ESP Fly Ash Issued to Cement Industries								
	a) Cement	1905							
	b) RMC	0							
	c) Asbestos								
	Sub-Total	1905							
2B	Pond Ash Issued to Cement Industries								
	Total Fly Ash Issued to Cement Industries (2A+2B)	1905					8594		Nil
3	Roads, Fly over /Rail Embankment								
3A	Dry ESP Fly Ash Issued for Road construction (Outside)	384							
3B	Pond Ash Issued for Road construction (Outside)	Nil							
	Total Fly Ash Issued for Road Construction (3A+3B)	384					384		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	28247					50607		Nil
	Total Fly Ash used for Landfill/Reclamation of low lying area	28247					50607		Nil
8	Mine filling								
	a) Open cast mine								
	b) U.G.Mine								
	Total Fly Ash used for Mine filling	Nil					Nil		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	44164					83613		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 AND BOTTOM ASH) for April' 2022**

Sl. No.	Name and address of the unit	power Generation capacity	Quantity of fly ash generated (MT)	Quantity of bottom ash generated (MT)	Total Ash Generated (MT)	Disposal Method	Modes of Utilisation (MT)																Total ash utilised (MT)	Ash utilised from the Current Period	% Ash Utilised for Current Generation
							Fly ash based products (Bricks, tiles, blocks etc.)	Cement	Ready mix concrete	Ash and Geo-Polymer based construction material	Asbestos	Manufacturing of sintered or cold bonded ash Aggregates	Construction of Dams	Filling of low lying areas	Filling of mine voids	Dyke/Embankment Raising	Overburden dumps	Agriculture	Construction of shoreline protection structures in coastal districts	Construction of roads/road and fly over embankment/	Export of ash to other countries	Others			
1	Indian Metals & Ferro Alloys Ltd	200 MW PP	28557	10892	39449	By Dumper/ Bulker	10400	6689	0	0	0	0	0	22360	0	0	0	0	0	0	0	0	39449	39449	100



















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