

**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)		
										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
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
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
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
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		388287.6	355822.4	138131	44148	182279		2447	51212	105974	0	0	384	0	0	0	0	22262	182279	0	182279

**Note : MT = Metric ton**

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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 July 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 31.07.2022)	Ash Generated in MT during the July 2022		Ash Utilized in MT during July 2022		Pond Ash Availability in MT ( up to 01.08.2022)
					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	47089	5704	52793	Nil	Nil
ASH UTILIZATION DETAILS									
Sl. No.	Area of Utilization	For the Month (July 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)	13860		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	0		Nil		Nil			
	b) Pond ash issued	Nil		Nil		Nil			
	Sub-Total	0		Nil		Nil			
	Total fly ash Issued to Bricks/Block/Tile Industries (1A+1B+1C)	13860		Nil		Nil	53659		Nil
2	Cement Industries								
2A	Dry ESP Fly Ash Issued to Cement Industries								
	a) Cement	9361							
	b) RMC	0							
	c) Asbestos								
	Sub-Total	9361							
2B	Pond Ash Issued to Cement Industries								
	Total Fly Ash Issued to Cement Industries (2A+2B)	9361					22262		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					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	29572					105974		Nil
	Total Fly Ash used for Landfill/Reclamation of low lying area	29572					105974		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	52793					182279		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 July' 2022

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