

## Ash utilisation status

**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 With subsidy (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		Dyke Raising	Road Making	Ceno Sphere	Small land fill	Tiles	Aggregates	Cement Making	From Current month	From Previous stock	Total ash utilized	
1	April -2020	58261	50676	25946	2857	28803	By Dumper	0	4480	22643	0	0	0	0	0	0	0	1680	28803	0	28803	100.00	
2	May-2020	74942	67754	33289	3689	36978	By Dumper	0	11260	17698	0	0	0	0	0	0	0	8020	36978	0	36978	100.00	
3	June-2020	88910.5	82056.6	34392	7624	42016	By Dumper	0	13390	20926	0	0	0	0	0	0	0	7700	42016	0	42016	100.00	
4	July-2020																						
5	Aug-2020																						
6	Sept-2020																						
7	Oct-2020																						
8	Nov-2020																						
9	Dec-2020																						
10	Jan-2021																						
11	Feb-2021																						
12	Mar-2021																						
Total		222113.5	200486.6	93627	14170	107797		0	29130	61267	0	0	0	0	0	0	0	17400	107797	0	107797	100.00	

**Note : MT = Metric ton**

With reference to letter no. 1314/IND-IV-PCP-FARC-01 dt 20.01.2015 we are providing fly ash with subsidy for road making and subsidy to brick / block manufacturing unit.

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 June 2020									
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 31.03.2020)	Ash Generated in MT during the June 2020		Ash Utilized in MT during June 2020		Pond Ash Availability in MT ( up to 01.07.2020)
					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	34392	7624	42016	Nil	Nil
ASH UTILIZATION DETAILS									
Sl. No.	Area of Utilization	For the Month (June 2020) Ash utilized in MT			Cummulative for Year (FY 20-21) 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)	13390	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)	13390	Nil	Nil	29130		Nil		
2	Cement Industries								
2A	Dry ESP Fly Ash Issued to Cement Industries								
	a) Cement	7700							
	b) RMC								
	c) Asbestos								
	Sub-Total	7700							
2B	Pond Ash Issued to Cement Industries								
	Total Fly Ash Issued to Cement Industries (2A+2B)	7700			17400		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			Nil		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	20926			61267		Nil		
	Total Fly Ash used for Landfill/Reclamation of low lying area	20926			61267		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			0				
	Total Fly Ash Issued for other purpose	0			0		Nil		
	Grand Total	42016			107797		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