

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		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																			0		
3	June-2020																			0		
4	July-2020																			0		
5	Aug-2020																			0		
6	Sept-2020																			0		
7	Oct-2020																			0		
8	Nov-2020																			0		
9	Dec-2020																			0		
10	Jan-2021																			0		
11	Feb-2021																			0		
12	Mar-2021																			0		
Total		58261	50676	25946	2857	28803		0	4480	22643	0	0	0	0	0	0	0	1680	28803	0	28803	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 April 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 April 2020		Ash Utilized in MT during April 2020		Pond Ash Availability in MT (up to 01.05.2020)
					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	25946	2857	28803	Nil	Nil
ASH UTILIZATION DETAILS									
Sl. No.	Area of Utilization	For the Month (April 2020) Ash utilized in MT			Cummulative for Year (FY 19-20) 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)	4480	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)	4480	Nil	Nil	4480	Nil			
2	Cement Industries								
2A	Dry ESP Fly Ash Issued to Cement Industries								
	a) Cement	1680							
	b) RMC								
	c) Asbestos								
	Sub-Total	1680							
2B	Pond Ash Issued to Cement Industries								
	Total Fly Ash Issued to Cement Industries (2A+2B)	1680			1680	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	22643			22643	Nil			
	Total Fly Ash used for Landfill/Reclamation of low lying area	22643			22643	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	28803			28803	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