

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 (MT)		Mine void Quarry Filling (MT)		Utilization in Embankment/Dyke Raising (MT)	Other purpose (MT)						Total ash Utilized (MT)	% of Utilization
									With subsidy	Without subsidy	Quarry Filling	Coal Mine Void Filling		Road Making	Ceno Sphere	Small land fill	Tiles	Aggregates	Cement Making		
1	April -2018	81401	79516.2	34181	3801	37982	By Dumper	1622	22400	0	12006	0	0	1450	0	0	0	0	480	37958	99.94
2	May-2018	70267	66868	30172	3582	33754	By Dumper	1540	23420	0	8124	0	0	370	0	0	0	0	310	33764	100.02
3	June-2018	74980.8	72237	32193	3608	35801	By Dumper	1549	20290	0	9038	0	0	250	0	0	0	1804	2860	35791	99.97
4																					
5																					
6																					
7																					
8																					
9																					
10																					
11																					
12																					
Total		226648.8	218621.2	96546	10991	107537		4711	66110	0	29168	0	0	2070	0	0	0	1804	3650	107513	99.978

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. 108MW + 30 MW + 120 MW = Total 258 MW					
Details of ash utilization during the Month of June 2018									
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 31.03.2018)	Ash Generated in MT during the June 2018		Ash Utilized in MT during June 2018		Pond Ash Availability in MT (up to 01.07.2018)
					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	49.83	20 yrs	Nil	32193	3608	35791	Nil	Nil
ASH UTILIZATION DETAILS									
Sl. No.	Area of Utilization	For the Month (June 2018) Ash utilized in MT			Cummulative for Year (FY 18-19) 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)	20290	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	1549	Nil	Nil					
	b) Pond ash issued	Nil	Nil	Nil					
	Sub-Total	1549	Nil	Nil					
	Total fly ash Issued to Bricks/Block/Tile Industries (1A+1B+1C)	21839	Nil	Nil	70821		Nil		
2	Cement Industries								
2A	Dry ESP Fly Ash Issued to Cement Industries								
	a) Cement	2860							
	b) RMC								
	c) Asbestos								
	Sub-Total	2860							
2B	Pond Ash Issued to Cement Industries								
	Total Fly Ash Issued to Cement Industries (2A+2B)	2860			3650		Nil		
3	Roads, Fly over /Rail Embankment								
3A	Dry ESP Fly Ash Issued for Road construction (Outside)	250							
3B	Pond Ash Issued for Road construction (Outside)	Nil							
	Total Fly Ash Issued for Road Construction (3A+3B)	250			2070		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	9038			29168		Nil		
	Total Fly Ash used for Landfill/Reclamation of low lying area	9038			29168		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	1804			1804				
	Total Fly Ash Issued for other purpose	1804			1804		Nil		
	Grand Total	35791			107513		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