

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 -2019	88185.3	82224	37571	4372	41943	By Dumper	1689	24700	8704	0	0	0	0	0	0	0	6840	41933	0	41933	99.98	
2	May-2019	45623.3	40035	19166	2679	21845	By Dumper	1536	8090	9169	0	0	0	0	0	0	300	2740	21835	0	21835	99.95	
3	June-2019	70599	65395	30344	3375	33719	By Dumper	1674	14990	12509	0	0	0	0	0	0	1266	3300	33719	20	33739	100.06	
4																							
5																							
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9																							
10																							
11																							
12																							
Total		204407.6	187654	87081	10426	97507		4899	47780	30382	0	0	0	0	0	0	1566	12880	97487	20	97507	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. 108MW + 30 MW + 120 MW = Total 258 MW					
Details of ash utilization during the Month of June 2019									
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 31.03.2019)	Ash Generated in MT during the June 2019		Ash Utilized in MT during June 2019		Pond Ash Availability in MT (up to 01.07.2019)
					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	30344	3375	33739	Nil	Nil
ASH UTILIZATION DETAILS									
Sl. No.	Area of Utilization	For the Month (June 2019) 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)	14990	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	1674	Nil	Nil					
	b) Pond ash issued	Nil	Nil	Nil					
	Sub-Total	1674	Nil	Nil					
	Total fly ash Issued to Bricks/Block/Tile Industries (1A+1B+1C)	16664	Nil	Nil	52679		Nil		
2	Cement Industries								
2A	Dry ESP Fly Ash Issued to Cement Industries								
	a) Cement	3300							
	b) RMC								
	c) Asbestos								
	Sub-Total	3300							
2B	Pond Ash Issued to Cement Industries								
	Total Fly Ash Issued to Cement Industries (2A+2B)	3300			12880		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	12509			30382		Nil		
	Total Fly Ash used for Landfill/Reclamation of low lying area	12509			30382		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	1266			1566				
	Total Fly Ash Issued for other purpose	1266			1566		Nil		
	Grand Total	33739			97507		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