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	RMC	Small land fill	Tiles	Aggregates	Cement Making	From Current month	From Previous stock	Total ash utilized	
1	April -2021	89827.9	83503.4	29846	11518	41364	By Dumper	1165	11560	20177	0	0	0	0	0	0	0	8462	41364	0	41364	100.00
2	May-2021	87959	85019.6	37459	4159	41618	By Dumper	0	14470	16550	0	0	0	0	0	0	0	10598	41618	0	41618	100.00
3	June-2021	93605.5	89825.9	37959	6113	44072	By Dumper	0	10370	23973	0	0	0	0	0	0	0	9729	44072	0	44072	100
4	July-2021	95012.3	97467.7	38067	5409	43476	By Dumper	0	12110	18951	0	0	0	0	0	0	0	12415	43476	0	43476	100
5	Aug-2021	90692.8	90602.7	33884	7296	41180	By Dumper	1409	10190	20845	0	0	0	0	0	0	0	8736	41180	0	41180	100
6	Sept-2021	89686.9	84979.2	34078	7426	41504	By Dumper	638	8650	23326	0	0	0	60	0	0	0	8830	41504	0	41504	100
7	Octo-2021	98714.3	94031.2	40720	5733	46453	By Dumper	0	11840	25582	0	0	0	260	0	0	0	8771	46453	0	46453	100
8							By Dumper															
9							By Dumper															
10							By Dumper															
11							By Dumper															
12							By Dumper															
Total		645498.7	625429.7	252013	47654	299667		3212	79190	149404	0	0	0	320	0	0	0	67541	299667	0	299667	**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 October 2021

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 31.10.2021)	Ash Generated in MT during the October 2021		Ash Utilized in MT during October 2021		Pond Ash Availability in MT (up to 01.11.2021)
					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	40720	5733	46453	Nil	Nil

ASH UTILIZATION DETAILS

Sl. No.	Area of Utilization	For the Month (October 2021) Ash utilized in MT			Cummulative for Year (FY 21-22) 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 industies**					
1A	**Dry ESP Fly Ash Issued to Bricks/Blocks/Tiles industies (Outside)**	11840	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)	11840	Nil	Nil	82402	Nil
2	**Cement Industries**					
2A	**Dry ESP Fly Ash Issued to Cement Industries**					
	a) Cement	8771				
	b) RMC	260				
	c) Asbestos					
	Sub-Total	9031				
2B	**Pond Ash Issued to Cement Industries**					
	Total Fly Ash Issued to Cement Industries (2A+2B)	9031			67861	Nil
3	**Roads, Fly over /Rail Embankment**					
3A	**Dry ESP Fly Ash Issued for Road construction (Outside)**	Nil				
3B	**Pond Ash Issued for Road construction (Outside)**	Nil				
	Total Fly Ash Issued for Road Construction (3A+3B)	Nil			0	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/Reclaimation of low lying area**					
	a) Power Utility Own Land	Nil			Nil	Nil
	b)Outside Land	25582			149404	Nil
	Total Fly Ash used for Landfill/Reclaimation of low lying area	25582			149404	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	**46453**			**299667**	**Nil**

Bottom ash -collected from the bottom of furnace
Dry ESP Fly Ash - Colected from ESP and stored in Silo
Pond Ash - Fly ash and bottom ashStored in Pond
CLSM - Controlled Low strength Material

MT = Metric ton