

## 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	
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																						
3																						
4																						
5																						
6																						
7																						
8																						
9																						
10																						
11																						
12																						
Total		88185.3	82224	37571	4372	41943		1689	24700	8704	0	0	0	0	0	0	0	6840	41933	0	41933	99.98

**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 April 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 30.04.2018)	Ash Generated in MT during the April 2019		Ash Utilized in MT during April 2019		Pond Ash Availability in MT ( up to 01.05.2019)
					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	37571	4372	41933	Nil	Nil
ASH UTILIZATION DETAILS									
Sl. No.	Area of Utilization	For the Month (April 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)	24700	0	0					
1B	Pond Ash Issued to Bricks/Blocks/Tiles industries (Outside)	0	0	0					
1C	Fly Ash issued for Bricks/Blocks/Tiles in Own Plant		0	0					
	a) Dry ESP Fly Ash issued	1689	0	0					
	b) Pond ash issued	0	0	0					
	Sub-Total	1691	0	0					
	Total fly ash Issued to Bricks/Block/Tile Industries (1A+1B+1C)	26389	0	0	26389	0			
2	Cement Industries								
2A	Dry ESP Fly Ash Issued to Cement Industries								
	a) Cement	6840							
	b) RMC								
	c) Asbestos								
	Sub-Total	6840							
2B	Pond Ash Issued to Cement Industries								
	Total Fly Ash Issued to Cement Industries (2A+2B)	6840			6840	0			
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)	0							
	Total Fly Ash Issued for Road Construction (3A+3B)	0			0	0			
4	Total Fly Ash issued for Part replacement of cement in concrete	0			0	0			
5	Total Fly ash supplied to Hydro power sector	0			0	0			
6	Total Fly ash used for Ash Dyke raising	0			0	0			
7	Landfill/Reclamation of low lying area								
	a) Power Utility Own Land	0			0	0			
	b)Outside Land	8704			8704	0			
	Total Fly Ash used for Landfill/Reclamation of low lying area	8704			8704	0			
8	Mine filling								
	a) Open cast mine								
	b) U.G.Mine								
	Total Fly Ash used for Mine filling	0			0	0			
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)	0			0	0			
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	0			
	Grand Total	41933			41933	0			

**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