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SHREE CEMENT LTD.

Regd. Office & Works :

BANGUR NAGAR, POST BOX NO.33, BEAWAR 305 901, RAJASTHAN, INDIA



SCL/KOTA/ENV/2011-12/

Date: 15/9/2011
Regd. A.D

The Member Secretary
Rajasthan Pollution Control Board
4, Institutional Area, Jhalana Doongri Road
JAIPUR (Rajasthan)

Sub: - Environmental Statement Report of Fly Ash Silos installed in the premises of Kota Super Thermal Power Station, situated at Kota for the period from April, 2010 to March, 2011.

Ref: - Consent letter no. F(CPM)/Kota(Ladpura)/3(1)/2010-2011/7658-7660 dated 3/3/2011.

Dear Sir,

We are submitting herewith the Environmental Statement Report of Fly Ash Silos installed in the premises of Kota Super Thermal Power Station, situated at Kota for the period from April, 2010 to March, 2011.

This is for your kind information please.

Thanking you,

Yours faithfully,
For Shree Cement Ltd.

(Rakesh Bhargava)
Jt. Vice President (Environment)

Copy to: 1) Regional Officer, Rajasthan State Pollution Control Board, Special Plot No. 2-A, Paryavaran Marg Road, No. 6, I.P.I.A. KOTA (Rajasthan).

2) The Chief Conservator of Forest (C), Ministry of Environment & Forest, Regional Office (Central Region), Kendriya Bhavan, 5th Floor, Sector 'H' Aliganj, Lucknow (U.P.),

ENVIRONMENTAL STATEMENT

FORM-V

FLY ASH SILOS OF M/s SHREE CEMENT LIMITED INSTALLED IN THE PREMISES OF KOTA THERMAL POWER STATION APRIL 2010 TO MARCH 2011

PART – A

- | | | |
|----|---|---|
| 1. | Name and address of the Owner /
Occupier of the Industry operation
or process | M/s Shree Cement Limited
Bangur Nagar
Post Box No. 33
BEAWAR – 305 901
Distt. Ajmer (Rajasthan) |
| 2. | Industry Category
Primary (S.T.C. Code)
Secondary (S.T.C. Code) | Fly Ash Silo |
| 3. | Storage Capacity | Silo (1) = 100 MT
Silo (2) = 500 MT |
| 4. | Year of Establishment | 2008 |
| 5. | Date of the last Environmental
Audit Report submitted | 2010 |

PART – B

WATER AND RAW MATERIAL CONSUMPTION

(I) WATER CONSUMPTION:

Process : N.A.

Cooling and dust : N.A.
suppression

Domestic : N.A.

Name of Product	Process Water Consumption per Unit of Product Output	
	During Previous Financial Year	During Current Financial Year
Fly Ash Silo	N.A.	N.A.

(II) FLY ASH HANDLING :

Name of Raw Material	Name of Product (Handling)	Handling of Fly Ash (MT)	
		During Previous Financial Year	During Current Financial Year
Fly Ash	Fly Ash	218253	328874

(III) POWER CONSUMPTION (KWH/T OF FLY ASH):

During Previous Financial Year	During Current Financial Year
10.7	8.53

PART – C

DISCHARGED TO ENVIRONMENTAL / UNIT OF OUTPUT

Pollutants	Quantity of Pollutants Discharged (Mass/Day)	Concentration of Pollutants in Discharge (Mass/Value)	Percentage of variation from prescribed standard with reasons
(a)	Water		-
(b)	Air	Please refer Annexure – 1 & II	

PART – D

HAZARDOUS WASTE

(As specified under Hazardous Wastes (Management, Handling & Transboundary Movement) Rules amended up to 2010)

Hazardous Waste	Total Quantity (Ltrs.)	
	During Previous Financial Year.	During Current Financial Year.
a) From Process	N.A.	N.A.
(b) From Pollution Control Facilities	N.A.	N.A.

PART – E

SOLID WASTE

		Total Quantity	
		During Previous Financial Year	During Current Financial Year
(a)	From Process	N.A.	N.A.
(b)	From Pollution Control Facility	Dust collected in the Bag Houses is recycled to the system.	
(c)	1) Quantity rejected or re-utilized within the unit	N.A.	
	2) Solid		
	3) Disposed		

PART – F

Please specify the characterization (in terms of composition and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both the categories of wastes:

Hazardous Wastes:- N.A.

Solid Wastes: - N.A.

PART – G

IMPACT OF THE POLLUTION CONTROL MEASURES ON CONSERVATION OF NATURAL RESOURCES AND CONSEQUENTLY ON THE COST OF PRODUCTION

The fly ash silo mechanism is based on dry material handling mechanism & itself is an environmentally clean technology. The fugitive emission generated from fly ash handling system during ash feeding is controlled by Bag Filters installed at top of silos & fly ash loading points. Ash collected in Bag Filters is recycled back in system. Use of fly ash in cement plant helps in natural resources conservation which results in CO2 emission reduction.

PART – H

ADDITIONAL MEASURES / INVESTMENTS PROPOSAL FOR ENVIRONMENT PROTECTION INCLUDING ABATEMENT OF POLLUTION

N.A.

PART – I

ANY OTHER PARTICULATES FOR IMPROVING THE QUALITY OF ENVIRONMENT.

1. We have full-fledged Environment Department with three separate cells, one for monitoring and one for maintenance of pollution control equipment and one for Green Belt development.
2. Monitoring of ambient air & noise level is being done regularly.
3. Maintenance department is doing regular checking and scheduled maintenance of all the pollution control devices.

On support of above, we are enclosing herewith following:-

Annexure – I	:	Ambient Air Monitoring.
Annexure – II	:	Stack emission level report
Annexure – III	:	Noise Level report.

Annaxure-1

AMBIENT AIR QUALITY AT KTPS BOUNDARY FOR YEAR, 2010-2011

	SPM ($\mu\text{gm}/\text{m}^3$)	Standards ($\mu\text{gm}/\text{m}^3$)
May-10	155	200
Aug-10	151	200

	PM 2.5 ($\mu\text{gm}/\text{m}^3$)	Standards ($\mu\text{gm}/\text{m}^3$)
Nov-10	28	60
Feb-11	30	60

Annexure-II

STACK EMISSION LEVEL FOR YEAR, 2010-2011

MONTH	Silo No.1 PM (Mg/Nm3)
May-10	26
Aug-10	33
Nov-10	35
Feb-11	31

Annexure-III

NOISE LEVEL FOR YEAR, 2010-2011

MONTH	Noise level Leq dB (A)	
	Day	Night
May-10	72.3	61.1
Aug-10	72.3	61.1
Nov-10	71.6	62.2
Feb-11	71.1	61.4