SCL/ Suratgarh /Statement /2011-12/ 5047-49 Date: 10/9/2011

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 Suratgarh Super Thermal Power Station, situated at Suratgarh, Sriganganagar for the period from **April, 2010 to March,2011.**

Ref:- Consent letter No. F.5 (GN-7) RPCB / Gr.II / 7001 dated 21/11/06 and renewal File No: F(TECH.)/GANGANAGER(SURATGARH)1(1)/2008-2009/4127-4129 Dated :14/10/2010.

Dear Sir,

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

This is for your kind information please.

Thanking you,

Yours faithfully,
For Shree Cement Ltd.

(R.P.Mathur)
**Sr. General Manager (Unit Head)**

Copy to: 1) Regional Officer, Regional Office, Rajasthan State Pollution Control Board, 33, Phase-II, Bichwal Industrial Area,BIKANER.

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.),

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C/c Environment Dept SHO.

# ENVIRONMENTAL STATEMENT FOR FLY ASH SILOS OF M/s SHREE CEMENT LIMITED INSTALLED IN THE PREMISES OF SURATGARH THERMAL POWER STATION FROM, 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<br>Bangur Nagar<br>Post Box No. 33<br>BEAWAR – 305 901<br>Distt. Ajmer (Rajasthan) |
| 2. | Industry Category<br>Primary (S.T.C. Code)<br>Secondary (S.T.C. Code) | Fly Ash Silo |
| 3. | Storage Capacity | Silo (1) = 150 MT<br>Silo (2) = 150 MT<br>Silo (3) = 500 MT<br>Silo (4) = 500 MT |
| 4. | Year of Establishment | 2006 |
| 5. | Date of the last Environmental Audit Report submitted | 15/09/2010 |

## PART – B

## WATER AND RAW MATERIAL CONSUMPTION

### (I) WATER CONSUMPTION:

Process : N.A.

Cooling and dust Suppression : N.A.

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 | 657288 | 829393 |

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

| During Previous Financial Year | During Current Financial Year |
|---|---|
| N.A. | N.A. |

## 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 –I & II | |

## PART – D

## HAZARDOUS WASTE

(As specified under Hazardous Wastes / Management and Handling Rules,2008)

| 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 are 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

N.A.

## 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 & Noise Level report. |
| Annexure – II: | | Stack emission level report |

Annaxure-1

## AMBIENT AIR QUALITY & NOISE LEVEL AT STPS BOUNDARY FOR YEAR, 2010-2011

| | SPM (µgm/m3) | Noise level Leq dB(A) Day/Night |
|---|---|---|
| Apr-10 | 175 | 70.9/62.9 |
| Jul-10 | 172 | 69.3/67.2 |
| Oct-10 | 182 | 68.8/65.3 |
| Jan-11 | 181 | 70.6/66.8 |

Annexure-II

## STACK EMISSION LEVEL FOR YEAR, 2010-2011

| MONTH | Silo No.1 PM (Mg/Nm3) | Silo No.2 PM (Mg/Nm3) | Silo No.3 PM (Mg/Nm3) | Silo No.4 PM (Mg/Nm3) |
|---|---|---|---|---|
| Apr-10 | 24 | 22 | - | - |
| Jul-10 | 26 | 19 | - | - |
| Oct-10 | 26 | 22 | 20 | 27 |
| Jan-11 | 30 | 27 | 26 | 24 |