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o/c

SHREE CEMENT LTD.

An ISO 9001, 14001, 45001 & 50001 Certified Company

Regd. Office:
BANGUR NAGAR, POST BOX NO.33, BEAWAR 305901, RAJASTHAN, INDIA

SCL/KOTA/ENV/2020-21/ 6169 Date: 22/09/2020

To,

File No. C-018

The Member Secretary,
Rajasthan Pollution Control Board,
4, Institutional Area, Jhalana Doongri Road,
JAIPUR-302004 (Rajasthan).

Sub:- Environmental Statement report of Fly ash silos of M/s Shree Cement Limited, installed / situated in the premises of M/s Kota Super Thermal Power Stations (KSTPS) Kota, Tehsil- Ladpura, District-Kota, Rajasthan. For the period of April 2019 - March 2020.

Ref:- CTO No. - F(Tech)/Ajmer(Beawar)/4(1)/2008-2009/10945-10947, dated 27/02/2017.

Dear Sir,
Kindly refer to above subject matter and referred letter. In this regard, we are submitting herewith the Environmental Statement Report of fly ash silos of M/s Shree Cement Limited, installed / situated in the premises of M/s Kota Super Thermal Power Stations (KSTPS) Kota, Tehsil - Ladpura, District-Kota, Rajasthan. For the period of April, 2019 to March, 2020.

This is for your kind information please.

Thanking you,
Yours faithfully,

For Shree Cement Ltd;

for,

(Dr. Anil Kumar Trivedi)
Sr. G.M. Environment

Copy to:-

The In charge (Regional office), Rajasthan State Pollution Control Board,
Special plot No. 2-A, Paryavaran Marg Road, No. 6,
Indraprastha Industrial Area, Kota, (Rajasthan).

o/c SCL – Beawas.

ENVIRONMENTAL STATEMENT

FORM – V

Fly ash silos of M/s Shree Cement Limited
Installed in the premises of Kota Super Thermal Power Stations (KSTPS), Kota
Period from: April, 2019 to March, 2020

PART – A

1.	Name and address of the Owner / Occupier of the Industry operation or process	M/S Shree Cement Ltd. Bangur Nagar P.O. Box No. 33 Beawar- 305901 Distt. Ajmer (Rajasthan)
2.	Industry Category Primary (S.T.C. Code) Secondary (S.T.C. Code)	Fly ash silo
3.	Production Capacity	Silo (1) = 100 MT Silo (2) = 500 MT
4.	Year of Establishment	2008
5.	Date of the last Environmental Statement submitted	18/09/2019

PART – B

WATER AND RAW MATERIAL CONSUMPTION

1. **WATER CONSUMPTION:**

Process : N.A.
Cooling and dust : N.A.
Domestic : N.A.

Name of Product	Process Water Consumption per Unit of Clinker Output	
	During Previous Financial Year (2018 - 19)	During Previous Financial Year (2019 - 20)
Fly ash handling	N.A.	N.A.

2. **FLY ASH HANDELING:**

Name of Raw Material	Name of Product (Handling)	Handling of Fly Ash (MT)	
		During Previous Financial Year (2018 - 19)	During Previous Financial Year (2019 - 20)
Fly ash	Fly Ash	130360	137597

3. POWER CONSUMPTION (KWH/T OF Flyash):

During Previous Financial Year (2018 - 19)	During Previous Financial Year (2019 - 20)
7.94	7.24

PART – C
DISCHARGED TO ENVIRONMENT / 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	Provided by KSTPS	
(b)	Air	Please refer **Annexure – 1 & 2**	

PART – D

HAZARDOUS WASTE

As specified under Hazardous & Other Wastes (Management & Trans boundary Movement Rule, 2016) & Amendment rule, 2019.

Hazardous Waste	Total Quantity (Ltrs.)	
	During Current Financial Year (2018-2019)	During Current Financial Year (2019-2020)
(a) From Process	N.A.	N.A.
(b) From Pollution Control Facilities	N.A.	N.A.

PART – E
SOLID WASTE

Sr. No.	Particulars	Total Quantity	
		During Previous Financial Year (2018-2019)	During Current Financial Year (2019-2020)
(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 2. Sold	N.A.	
	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:

Battery Wastes: N.A.

Solid wastes: N.A.

Battery waste: N.A.

E-Waste: N.A.

PART – G

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

The flyash 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 the 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 for monitoring, maintenance of pollution control equipment and 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 pollution control devices.

We are enclosing herewith following documents:-

Annexure-1: Ambient Air Quality
Annexure-2: Ambient Noise Level monitoring

Annexure: 1

Ambient Air Quality Monitoring Report at KTPS boundary for Year: 2019-20

S. No.	Month	PM 2.5 (µg/m3)	PM 10 (µg/m3)
1	May-19	21	55
2	Aug-19	25	40
3	Nov-19	19	42
4	Feb-20	20	51

Annexure: 2

Noise Level for year 2019-20

S. No.	Month	Noise Level (Leq dB(A))	
		Day	Night
1	May-19	69	55.2
2	Aug-19	62.3	58.2
3	Nov-19	68	60.2
4	Feb-20	63	56.5