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# SHREE CEMENT LTD.

Regd. Office:

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



SCL/BWR/ENV/9 /2019-20/ 9903

Date: 18/09/2019

To,

File No. P-130

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

Sub:- Environmental Statement of D.G. sets of M/s Shree Cement Ltd, Village – Andheri Deori, Tehsil Masuda, District Ajmer (Raj) for the period of April 2018- March 2019.

Ref: - CTO No. - F (Tech)/ Ajmer (Masuda)/7(1)/2010-2011/6659-6661 dated – 14/09/2016.

Dear Sir,

Kindly refer to above subject matter and referred letter. In this regard, we are submitting herewith the Environmental statement of D.G. sets.

This is for your kind information please.

Thanking you,  
Yours faithfully,  
For Shree Cement Ltd;

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

Copy to:-

1. The in charge (Regional office), Rajasthan state pollution control board, SPL-II, 5th phase, RIICO Ind area, Kishangarh.



**FORM – V**

**D.G. Sets of M/s Shree Cement Limited**

**Beawar (Rajasthan)**

**Period from : April, 2018 to : March, 2019**

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)	Red Category
3.	Production Capacity	Permission (500 X 2 = 1000KVA)
4.	Year of Establishment	2011 & 2012
5.	Date of the last Environmental Statement submitted	25/09/2017

PART – B

WATER AND RAW MATERIAL CONSUMPTION

1. **WATER CONSUMPTION:**

Process : N.A.

Cooling and dust : NIL

Domestic : 315733 KL (Common for Cement Plants & Power Plants)

Name of Product	Process Water Consumption per Unit of Clinker Output	
	During Previous Financial Year	During Current Financial Year
Power	Nil	Nil

2. **RAW MATERIAL CONSUMPTION (D.G. SETS):**

D.G. Sets are not operated on continuous basis D.G. sets are operated only during the breakdown/ shutdown of Shree Power Plant. The total fuel consumption during the year 17-18 was zero liters and during year 18-19 was zero liter.

Name of Raw Material	Name of Product	Consumption of Raw Material Per Unit of Output (Cement)	
		During Previous Financial Year	During Current Financial Year
Fuel/ Diesel	Power	Nil	Nil

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

During Previous Financial Year	During Current Financial Year
NIL	NIL

4. **TOTAL D.G. POWER PRODUCTION (KWH):**

Product	During Previous Financial Year	During Current Financial Year
	NIL	NIL

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	Domestic waste water generated from residential colony and office toilets is treated in STP and treated water is used in plantation activities. Total quantity of treated domestic waste water during the year 2018-19 was 79439 KL. Residential colony is common for Shree Cement Limited Unit 1& 2, Mines and Power Plants. Analysis report of STP treated water is attached as annexure.	
(b)	Air	N.A.	

PART – D

HAZARDOUS WASTE

(As specified under Hazardous Wastes (Management, Handling & Trans boundary Movement Rule, 2016)

Hazardous Waste	Total Quantity (Ltrs.)	
	During Previous Financial Year (2017-2018)	During Current Financial Year (2018-2019)
a) From Process (Cement manufacturing is based on “Dry Process” No Hazardous waste is generated from the process except used oil which is drained from Machinery / Equipments)	<p>We have Common authorization for Hazardous Waste Management &amp; Handling for Unit 1&amp; 2, D.G. Sets, Power Plants, Synthetic Gypsum and Mines</p> <p>Total Quantity generated from April-2017 to March-2018 = 8400Ltrs.</p> <p>Old Stock = 0Ltrs.</p> <p>Total Used oil = 8400Ltrs.</p> <p>Sold-out to registered recycler = 8400Ltrs.</p> <p>Balance Quantity= 0Ltrs</p>	<p>We have Common authorization for Hazardous Waste Management &amp; Handling for Unit 1&amp; 2, D.G. Sets, Power Plants, Synthetic Gypsum and Mines</p> <p>Total Quantity generated from April-2018 to March-2019 = 800Ltrs.</p> <p>Old Stock = 0Ltrs.</p> <p>Total Used oil = 800Ltrs.</p> <p>Sold-out to registered recycler = 0Ltrs.</p> <p>Quantity Co processed = 800 Ltrs.</p> <p>Balance Quantity= 0Ltrs</p>
(b) From Pollution Control Facilities	N.A.	N.A.

PART – E  
SOLID WASTE

		Total Quantity	
		During Previous Financial Year (2017-2018)	During Current Financial Year (2018-2019)
(a)	From Process	N.A.	
(b)	From Pollution Control Facility		
(c)	1. Quantity rejected or re-utilized within the unit		
	2. Sold		
	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:**

As specified under Batteries (Management and Handling) Amendment Rules, 2010, we have purchased following new batteries of different categories is common for cement plant, power plant and mines -

	Number of new batteries of different categories purchased from the manufacturer / importer / dealer or any other agency	During 1 <sup>st</sup> Apr 2018 to 31 <sup>st</sup> Mar 2019	
	Common for Unit 1 & 2, Power plants, D.G.Sets, Synthetic Gypsum plant & Mines		
	Category:	(i) No. of Batteries	(ii) Approximate Weight (In Metric Tonnes)
1	(i) Automotive		
	a) Four wheeler	119	2.567
	b) Two wheeler	37	1.150
	(ii) Industrial		
	a) UPS	132	2.3803
	b) Motive Power	Nil	Nil
	c) Stand –by	Nil	Nil
	(iii) Others	Nil	Nil
	Total	288 Nos	6.0973 MT
		Number of used batteries of categories mentioned in Sl. No 3 and Tonnage of scrap sent manufacturer/dealer/importer/registered recycler/or any other agency to whom the used batteries scrap was sent	During 1 <sup>st</sup> Apr 2018 to 31 <sup>st</sup> Mar 2019
	Common for Unit 1 & 2, Power plants, D.G.Sets, Synthetic Gypsum plant & Mines		
	Category:	(i) No. of Batteries	(ii) Approximate Weight (In Metric Tonnes)
2	(i) Automotive		
	a) Four wheeler	78	3.276
	b) Two wheeler	16	0.008
	(ii) Industrial	Nil	Nil
	a) UPS	65	0.156
	b) Motive Power	Nil	Nil
	c) Stand –by	Nil	Nil
	(iii) Others	Nil	Nil
	Total	159 Nos.	3.440 MT

Used battery scrap was sent to CPCB authorized recycler

## **Hazardous Wastes**

No Hazardous waste is generated from the process except used oil which is sold to the CPCB authorized recycler.

## **Bio-Medical Wastes:**

Bio-medical waste generated is common for cement plant, power plant and mines during current financial year April 2018 to March 2019 under the Bio-Medical Waste (Management & Handling) Rules 2016, are as follows.

	<b>Bio-Medical Waste Quantity (Kg) as per Color Coding</b>			
	<b>Yellow</b>	<b>Red</b>	<b>Blue</b>	<b>White</b>
<b>April 2018 to March 2019</b>	275	231	259	0

## **E- Wastes:**

	<b>Total Quantity (tons)</b>	
	<b>During Previous Financial Year (2017-2018)</b>	<b>During Current Financial Year (2018-2019)</b>
From Process	Nil	From Process
From Pollution Control Facility	Nil	From Pollution Control Facility
Others	0.055	Others

### **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.**

**ANY OTHER PARTICULATES FOR IMPROVING THE QUALITY OF ENVIRONMENT.**

1. We have full-fledged Environment Department with three separate cells, for monitoring, maintenance of pollution control equipment and Green Belt development.
2. Monitoring of stack emission and ambient air and water quality is being done regularly.
3. Maintenance department is doing regular checking and scheduled maintenance of all the pollution control devices.
4. Civil dept. taking care of Housekeeping and water supply department is taking care of operation of STP.
5. Horticulture Department is taking care of tree plantation and green belt development. Every year we are doing tree plantation.

Enclosing herewith following document:-

**Annexure- I : Details of D.G. Sets**

S.No	Make	Capacity(KVA)	Year of installation	Fuel Consumption (L/H)	No of stacks	Stack Height	Height above D.G. Room
1.	SudhirGenset (Cummins Engine)	500	2011	0.0	1	6.5	4.5
2.	SudhirGenset (Cummins Engine)	500	2012	0.0	1	6.5	4.5

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