



CIN : L26942OR1985PLCO00057

O/c

SHIVA CEMENT LIMITED

PLOT NO. YY-5,
CIVIL TOWNSHIP
T&B AREA, ROURKELA
ODISHA, INDIA PIN - 769004.

Through Speed Post

SCL/6000-08

August 17, 2020

To
Sr. Environmental Engineer (C)
State Pollution Control Board, Odisha,
Department of Forest & Environment, Govt. of Odisha,
Paribesh Bhawan, A/118, Nilakantha Nagar, Unit - VIII,
Bhubaneswar-751 012, Odisha

Sub : Submission of Annual Environmental Statement - Reg.

Dear Sir,

We shall like to submit herewith the **Annual Environmental Statement for the Year 2019-20** of our Shiva Cement Limited (Plant) in prescribed format **Form V**.

Kindly acknowledge the receipt.

Thanking you,

Yours faithfully

For /s. **SHIVA CEMENT LIMITED**


(**DEBARTHA PANDIT**)
OPERATION HEAD

Enc! :

Annual Environmental Statement for the Year 2019-20

Copy to :

Regional Officer, OSPCB, Sector - 5, Rourkela - 769002
Dist. Sundargarh (Odisha)

[FORM – V]

(See Rule 14)

Environmental statement for the financial year ending the 31st March 2020**PART – A**

- (i) Name and address of the owner/occupier of the industry operation or process : **SRI MANOJ KUMAR RESTAGI**
M/s. Shiva Cement Limited
Vill : Telighana, PO. Biringa Toli,
Via. Kutra, Dt. Sundargarh (Odisha)
PIN - 770018
- (ii) Industry category Primary – (STC Code) : **NA**
Secondary – (SIC Code) : **3241**
- (iii) Production Capacity – Units : **Cement : 0.252 MTPA**
- (iv) Year of Establishment : **1998**
- (v) Date of last environmental statement submitted : **22.06.2019**

PART – B**Water and Raw Material Consumption**

- (i) Water consumption m³/d :
- Process : **N.A.**
- Cooling : **75 m³/ Day**
- Domestic : **25 m³/ Day**

Name of Products	Cooling water consumption per unit of product output	
	During the previous financial year (KL/T Cement)	During the current financial year (KL/T Cement)
	(1)	(2)
CEMENT	Not Applicable	Not Applicable

Substituted by Rule 2 (b) of Environment (Protection) Amendment Rules, 1993 notified vide G.S.R 386 (E) dated 22.04.1993.

(ii) Raw material consumption

Name of materials	Name of Products	Consumption of raw material per unit of out put	
		During the previous financial year	During the current financial year
Limestone	Clinker	1.45	1.43
Additive	Clinker	0.07	0.09
Coal	Clinker	0.33	0.32
Slag	Cement	0.44	0.45
Gypsum	Cement	0.05	0.04

*Industry may use codes if disclosing details of raw material would violate contractual obligations, otherwise all industries have to name the raw materials used.

PART - C**Pollution discharged to environment / unit of out put
(Parameter as specified in the consent issued)**

(I) Pollutants	Quality of Pollutants discharged (mass/day)	Concentrations of pollutants discharges (Mass/volume) mg/No ¹	Percentage of variation from prescribed standards with reasons.
(a) Water	Nil	NA	NA
(b) Air	Kiln Stack	18.72	Within the prescribed Limit
	Raw Mill Stack	26.24	
	Coal Mill Stack	26.40	
	Cement Mill - 1	25.80	
	Cement Mill - 2	26.50	

PART - D**HAZARDOUS WASTES**

[(As specified under [Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2008)]

Hazardous Wastes	Total Quantity (Kg)	
	During the previous financial year	During the current financial year
Used Oil	230 Ltrs.	220 Ltrs.

Hazardous wastes (Management, Handling and Transboundary Movements) Rules, 2008 notified vide S.O 2265 (E)

**PART - E
Solid Wastes**

	Total Quantity	
	During the previous financial year	During the current financial year
	No Solid Waste is generated in the Plant	No Solid Waste is generated in the Plant

- (a) From process : Nil
- (b) From pollution control facilities : Dust collected by the Bag filters is automatically recycled in the process.
- (c) (1) Quantity recycled or re-utilized within the unit.
 (2) Sold
 (3) Disposed

PART - F

Please specify the characterizations (in terms of composition of quantum of categories of wastes as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

No Solid waste is generated from the process. Hazardous waste such as used oil used for Kiln light up and waste grease is sold to authorized recyclers.

PART - G

Impact of the pollution abatement measures taken on conservation of natural resources and on the cost of production.

Pollution free atmosphere resulted in better working environment for higher plant productivity.

PART - H

Additional measures/investment proposal for environmental protection including abatement of pollution, prevention of pollution.

Upgradation of entire plant for increased productivity, reduction in energy consumption of industrial wastes like slag & fly ash, reduction in air pollution through improved technology.

PART - I

Any other particulars for improving the quality of the environment.

Following initiatives taken by M/s Shiva Cement Limited to improve the Environment-

- **Concrete road developed in Coal Stock Yard.**
- **Water spraying is being done three times at inside and outside roads for reducing of fugitive emissions.**
- **Plantation done at vacant spaces.**

For Shiva Cement Limited


17/08/2020
Operation Head
