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o/c

SHREE CEMENT LTD.

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

SCL/Ras/Unit-IX/Env. Statement/2020-2021 6037

Date: 10/09/2020
Speed Post

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

File No. C-144

Sub: - Environmental Statement for the period from April 2019 to March 2020 for Cement Plant Unit-IX of M/s Shree Cement Limited situated at Village- Ras Bhimgarh, Tehsil- Jaitaran, Dist- Pali (Raj).

Ref: - CTO No. - F(Tech)/Pali(Jaitaran)/1024(1)/2013-2014/1054-1056 dated 17/06/2019

Respected Sir,

We are submitting herewith Environmental Statement for the **period from April, 2019 to March, 2020** for Cement Plant **Unit-IX (Without Cement grinding)** of M/s Shree Cement Limited situated at Village- Ras Bhimgarh, Tehsil- Jaitaran, Dist- Pali (Raj).

This is for your kind information please.

Thanking you,
Yours faithfully,

For Shree Cement Ltd;

for

(Dr. Anil Kumar Trivedi)
Sr. GM (Environment)

Copy to: -
1. Chief Conservator of Forests (Central), Ministry of Environment & Forests, Central Regional Office, Kendriya Bhawan, 5th Floor Sector H, Aliganj, Lucknow – 226024 (U.P.)
2. The Regional Officer (Regional Office), Rajasthan Board for the Prevention & Control of Pollution, S / A-6, Mandia Road, Industrial Area, Near Pali Urban Co-Operative Bank, PALI-MARWAR- 306401 (Raj.)

o/c SCL Ras

ENVIRONMENTAL STATEMENT

FORM – V

M/s Shree Cement Limited: Unit- IX
Period from: April 2019 to March 2020

PART – A

1.	Name and address of the Owner / Occupier of the Industry operation or process	Cement Plant Unit-IX M/s Shree Cement Ltd. Village: Ras/Bhimgarh, Tehsil: Jaitaran, Dist:Pali - 306107 (Rajasthan)
2.	Industry Category Primary (S.T.C. Code) Secondary (S.T.C. Code)	Red Category
3.	Production Capacity	2.85 Million TPA Clinker
4.	Year of Establishment	2013
5.	Date of the last Environmental Statement Submitted	10.09.2019

PART – B

WATER AND RAW MATERIAL CONSUMPTION

(I) WATER CONSUMPTION:

Process	:	N.A. (As plant is based on dry Process technology)
Cooling and dust Suppression	:	40395 KL
Domestic	:	63987 KL (Common for Cement Plant, Power Plant Synthetic Cement Plant & Mines)

Name of Product	Process Water Consumption per Unit of Product Output	
	During Previous Financial Year (2018-2019)	During Current Financial Year (2019-2020)
Clinker	0.0215 KL/MT of Clinker	0.0224 KL/MT of Clinker

(II) RAW MATERIAL CONSUMPTION:

Name of Raw Material	Name of Product	Consumption of Raw Material Per Unit of Output (Clinker)	
		During Previous Financial Year (2018-2019)	During Current Financial Year (2019-2020)
1. Limestone	Clinker	1.489	1.494
2. Laterite /Iron Ore		0.019	0.026
3. Coal & Pet Coke		0.093	0.095

(III) POWER CONSUMPTION (KWH/T OF CLINKER):

During Previous Financial Year (2018-2019)	During Current Financial Year (2019-2020)
51.83	53.77

(IV) TOTAL CLINKER PRODUCTION (MT):

During Previous Financial Year (2018-2019)	During Current Financial Year (2019-2020)
2103419	1798414

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	As the plant is being operated on dry process technology, no liquid effluent is generated from the cement plant. The waste water generated from the office toilet and canteen is being treated in STP and treated water & sludge generated is being used in plantation & horticulture activities. Analysis Report of STP treated water is attached as Annexure-3	
(b)	Air	Please refer Annexure – 1 & 2	

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 (2018-2019)	During Current Financial Year (2019-2020)
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)	Common authorization for Hazardous Waste Management & Handling for Cement Plant, Power Plant, Synthetic Gypsum Plant, D.G.Set and Nimbeti Limestone Mines. Total Quantity generated from April-2018 to March-2019 = 12780 Ltrs. Old Stock = 0 Ltrs. Total Used oil = 12780 Ltrs. Sold-out to registered recycler = 0.0 Ltrs. Co-processed in cement kiln = 12780 Ltrs. Balance Quantity= 0 Ltrs	Common authorization for Hazardous Waste Management & Handling for Cement Plant, Power Plant, Synthetic Gypsum Plant, D.G.Set and Nimbeti Limestone Mines. Total Quantity generated from April-2019 to March-2020 = 26820 Ltrs. Old Stock = 0 Ltrs. Total Used oil = 26820 Ltrs. Sold-out to registered recycler = 0.0 Ltrs. Co-processed in cement kiln = 26820 Ltrs. Balance Quantity= 0 Ltrs
(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	Nil	Nil
(b)	From Pollution Control Facility	Dust collected in the ESPs, Bag Houses and Bag Filters are recycled to the system.	
(c)	1. Quantity rejected or re-utilized within the unit	100%	100%
	2. Sold	Nil	Nil
	3. Disposed	Nil	Nil

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

A. Cement manufacturing is based on "Dry Process" technology. No Hazardous waste is generated from the process except used oil which is drained from machineries / equipment. Used oil is being Co-processed in cement kiln as authorization obtained from RSPCB. Old and scrap lead acid batteries are sold to CPCB authorized recyclers.

Sr. No.	Particulars	Total Quantity	
		During Previous Financial Year (2018-2019)	During Current Financial Year (2019-2020)
1	Used oil (Co processed in Cement Kiln)	12780 KL	26820 KL
2	Lead acid battery waste (Sell to authorized recycler)	7.854 MT	4.986 MT

B. Hazardous wastes were received and co-processed as specified under Hazardous Wastes (Management, Handling &Trans boundary Movement Rule, 2016) during the Current Financial Year (2019-2020) – (During the Period of April -2019 to March-2020

S. No.	Type of hazardous waste	Category	Quantity (MT)
1	a) Paint Sludge	21.1	1913.782
2	b) ETP/CETP Sludge	35.3	21572.714
3	c)Phosphate sludge	12.5	199.395
4	d) Oil soaked cotton, Industrial Waste, residue containing oil, Grinding sludge etc.	5.2	4526.749
5	e) Spent acid	26.3	33072.88
6	f) Incineration ash	36.2	95.685
7	g) SOBM	2.1	32126.544