

J.K. Cement Works, Mangrol (Raj.)

Ref. No.: MGR-PC -13/2447

22.09.2014

To,
The Member Secretary
Rajasthan State Pollution Control Board
4, Industrial Area, Jhalana Doongri
JAIPUR – 302004 (Raj)

SUBJECT: **Environmental Statement for the year 2013-2014 (02 Copies)**

Dear Sir,

In accordance to the Notification in the Gazette of India dated 13 March, 1992 under the provision of Sec. (6) of Environment Protection Act, 1986 wherein certain processes require consent under section 21 of Air (Prevention & Control) Act, 1981 & under section 25 of water (Prevention & Control) Act, 1974 or both or Authorization under the Hazardous Waste (Management, Handling and Transboundary Movement) Rule 2008 issued under the (Environment Protection) Act 1986.

We are enclosing herewith **Environment Statement Report of J.K. Cement Works Mangrol for the year 2013-2014** for your kind reference and record. We trust you will find the same in order.

Thanking You.

Yours Faithfully
For J.K. Cement Works, Mangrol


S.K. Acharya
Astt. V.P. (E&I)

Encl. : a / a

Copy to - **The Regional Officer**
Rajasthan State Pollution Control Board
Near FCI Godown, Chanderia
Distt.- CHITTORGARH (RAJ)

☞ Pollution Control deptt.

Government of India
Ministry of Environment and Forest

“ FORM - V ”

(See rule 14)

**ENVIRONMENTAL STATEMENT FOR THE FINANCIAL YEAR ENDING THE 31ST MARCH
2014**

PART - A

- | | |
|---|---|
| (I) NAME & ADDRESS OF THE OWNER / OCCUPIER OF THE INDUSTRY OPERATION OR PROCESS (AS PER FACTORY ACT) | K.K.Jalori Unit Head J.K. Cement Works, Mangrol, Chittorgarh (Raj.) |
| (II) INDUSTRY CATEGORY PRIMARY :- (STC CODE) SECONDARY :- (SIC CODE) | Primary |
| (III) CEMENT PRODUCTION CAPACITY :- (DESIGNED / INSTALLED CAPACITY) | 0.95 MMTPA |
| (IV) YEAR OF ESTABLISHMENT :- | 1995 Started Grinding & packing Unit Plant Commissioned in Dec-2001 |
| (V) DATE OF LAST ENVIRONMENTAL STATEMENT SUBMITTED | September 2013. |

PART - B

WATER & RAW MATERIAL CONSUMPTION

- (1) **WATER CONSUMPTION M³/day**
- | | | |
|----------|---|-------------------------|
| Process | : | NIL |
| Cooling | : | 140 M ³ /day |
| Domestic | : | 35 M ³ /day |

| NAME OF THE PRODUCTS | PROCESS WATER CONSUMPTION PER PRODUCT OUTPUT | |
|----------------------|--|---------------------------|
| | PREVIOUS FINANCIAL YEAR | CURRENT FINANCIAL YEAR |
| | (1) | (2) |
| CEMENT | Being a dry process cement plant , process water consumption is nil. | |

(II) **RAW MATERIAL CONSUMPTION**

| NAME OF RAW MATERIAL USED | NAME OF PRODUCTS | CONSUMPTION OF RAW MATERIAL PER UNIT OF OUTPUT | |
|---------------------------------|---------------------|---|--|
| | | DURING THE PREVIOUS FINANCIAL YEAR | DURING THE CURRENT FINANCIAL YEAR |
| Limestone | CEMENT | 1.028 | 1.015 |
| Laterite | | 0.069 | 0.068 |
| Gypsum | | 0.059 | 0.067 |
| Flyash | | 0.194 | 0.202 |

* 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 DISCHARGE TO ENVIRONMENT / UNIT OF OUTPUT

(Parameters as specified in the consent issued)

| (1) | Pollutants | Quantity of Pollutants discharged (Mass / day) | Concentrations of Pollutants in discharged (Mass / volume) | Percentage of variation from prescribed standards with reasons |
|--------|------------|--|---|---|
| <hr/> | | | | |
| (a) | Water | : | | |
| (i) | colonial | : | 10 KL / day (Within premises in septic tank & soak pit) | |
| (ii) | Industrial | : | NIL | |
| (b) | Air | : | (See Table No. IV, V & VI in report) | |

PART - D

(As specified under Hazardous Waste Management, Handling and Trans Boundary Movement rules-2008

| HAZARDOUS WASTE | | TOTAL QUANTITY (KGS.) | |
|-----------------|--------------------------------------|---------------------------------------|--------------------------------------|
| | | DURING THE PREVIOUS FINANCIAL YEAR | DURING THE CURRENT FINANCIAL YEAR |
| (a) | From Process(DG & Plant Machinery) | - | 5.25 K.L. |
| (b) | From Pollution Control facilities | N. A. | N. A. |

PART - E

SOLID WASTES

| TOTAL QUANTITY | | |
|---|---------------------------------------|--------------------------------------|
| | DURING THE PREVIOUS FINANCIAL YEAR | DURING THE CURRENT FINANCIAL YEAR |
| (a) From Process | N. A. | N. A. |
| (b) From Pollution control facilities | 69175.507 MT | 65520.197 MT |
| (c) (i) Qty. recycled or reused with in the unit | 69175.507 MT | 65520.197 MT |
| (ii) Sold | NIL | NIL |
| (iii) Disposed | NIL | NIL |

PART - F

PLEASE SPECIFY THE CHARACTERISATIONS (IN TERMS OF COMPOSITION AND QUANTUM) OF HAZARDOUS AS WELL AS WASTES AND INDICATE DISPOSAL PRACTICE ADOPTED FOR BOTH THESE CATEGORIES OF WASTES.

- * Soild waste generated from PCE (i. e. from ESP' s, Bag filters & dust cyclones) in form of bottom dust is completely recycled .
- * Hazardous waste is generated in the form of used / spent oil, wastes/ residues containing oil which is stored in 210 ltr. capacity drums at safe side and sale of to approved party from Moef / Rajasthan Pollution Control Board.

PART - G

IMPACT OF THE POLLUTION ABATEMENT MEASURES TAKEN ON CONSERVATION OF NATURAL RESOURCES AND ON THE COST OF PRODUCTION .

- * By recycling total solid waste generated from pollution control facilities, the industry has conserve natural raw materials .

PART - H

ADDITIONAL MEASURES / INVESTMENT PROPOSALS FOR ENVIRONMENTAL PROTECTION INCLUDING ABATEMENT POLLUTION, PREVENTION OF POLLUTION .

N. A.

PART - I

ANY OTHER PARTICULARS FOR IMPROVING THE QUALITY OF ENVIRONMENT.

- * Industry has planted 16594 plants in and around factory area during the period under review.

**For J.K.CEMENT WORKS
MANGROL**

A handwritten signature in dark ink, appearing to be 'Shiv' followed by a horizontal line.