

[FORM - V]
(See Rule - 14)

Environmental Statement for the financial year ending the 31st March 2015

PART - A

- i) Name and Address of the Owner/Occupier of the industry operation or process : Ambuja Cements Limited, Unit :Sankrail, Jaladhulagari P.O. & Vill - Dhulagori Sankrail, Howrah – 711 302 West Bengal
- ii) Industry Category : Cement Grinding Unit [Large Scale]
Primary - (STS Code) :
Secondary -- (Sic Code) :
- iii) Production Capacity – Units : 1.50 million ton cement per year
- iv) Year of establishment : 2001
- v) Data of the last environmental Statement submitted : 26.09.2014

PART - B

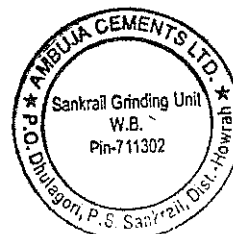
Water & Raw Materials Consumption

1. Water Consumption m³/d : 270 (approx)
2. Process m³/d : Nil
3. Domestic m³/d : 80 (approx)
4. Boiler Feeding m³/d : Nil
5. Cooling m³/d : 190 (approx)

Name of the Products	Process water consumption per unit of product output	
	During the previous Financial Year	During the Current Financial Year
	(1)	(2)
Cement	Not Applicable, Cement Production is a dry process	

2. Raw Material Consumption			
Name of Raw Materials	Name of product	Consumption of Raw Material per unit of output	
		During the previous Financial Year	During the Current Financial Year
Clinker	Cement	974152	876018
Gypsum		66880	60913
Fly ash		378630	355224

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



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PART - C

Pollutant discharged to environment/unit of output
(Parameters as specified in the consent issued)

Pollutants	Quantity of Pollutants discharged [mass/day]	Concentrations of Pollutants discharges [mass/day]	Percentage of variation from prescribed standards with reasons
SPM from	Nm ³ /h	mg/Nm ³	
Cement Mill-1 Hopper	11072	14	NA
Cement Mill-1 Venting	25541	18	NA
Cement Mill-1 Separator	24317	10	NA
Cement Mill-2 Hopper	11551	16	NA
Cement Mill-2 Venting	25117	13	NA
Cement Mill-2 Separator	24843	12	NA
Packer-1	28875	12	NA
Packer-2	29822	13	NA
DG-1	27342	36	NA
DG-2	27223	54	NA

PART - D

HAZARDOUS WASTES

(As specified under Hazardous Wastes/Management and Handling Rules, 1989)

Hazardous Waste	Total quantity [kg]	
	During the previous financial year	During the current financial year
a] From Process	NA	NA
b] From Pollution Control Facilities	NA	NA

PART - E

SOLID WASTES

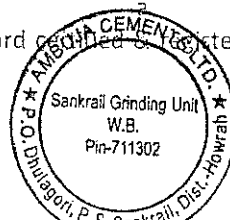
Hazardous Waste	Total quantity [kg]	
	During the previous financial year	During the current financial year
a] From Process	NA	NA
b] From Pollution Control Facilities	NA	NA
c 1] Quantity recycled or reutilized within the unit	No solid waste is generated from Process and Pollution Control facilities	
c 2] Sold	--	--
c 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 these categories of wastes.

Used oil originating from compressors, pumps and other machinery are collected in oil drums. Similarly used oil is generated in the DG sets. This is also collected in drums. After filling in the barrels they are temporarily stored in a yard provided with pavement, curb walls. Waste oil generated in the DG sets is collected and stored in tank. These Waste oil/Used oil are then sold to State Pollution Control Board registered agencies having adequate facility for refining and disposal of hazardous waste.

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PART - G

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

The dust collected in bag filters is recycled in process. The activities of the company have no adverse effect on the natural resources. Moreover 30% [approx] of clinker [ultimately saved approx 46% of lime stone, which is a natural resource] is saved by using fly ash, which is a waste from Thermal Power Plant.

PART - H

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

Additional investment proposed in the Budget 2013-2014 is ₹ 91 lac.
Expenditure regarding Capex for this financial year is ₹ 3.29 crore.

PART - I

Any other particular for improving the quality of the environment.

1. Installed Continuous Ambient Air Quality Monitoring Station (CAAQMS) at plant to monitor Ambient Air Quality continuously and LED display board was installed at the Main gate facing the road for the public.
2. Meteorological station comprising facilities to monitor rainfall, maximum and minimum temperature, relative humidity, barometric pressure, wind direction and velocity has been established
3. Installed Continuous Environment Monitoring Systems at various chimney stacks.
4. Development of greenery.
5. Concretization of truck yard [15000 m²].
6. Reuses of recycled water from Sewage Treatment Plant for dust suppression and gardening.
7. Deployment of Industrial Vacuum Cleaner to clean the accumulated material at pit during maintenance.
8. Plant road cleaning with the help of Roots Hako cleaner.
9. Roof top rain water harvesting at colony building.
10. Plantation at truck yard.
11. Conducting public awareness programs in the neighborhood for public in environmental and safety aspects.
12. Environmental Management System (EMS) in line with ISO 14001:2004 is implemented and certified by M/s Det Norske Veritas, Kolkata, which is valid up to 11.11.2015, which helps to Improve Employee morale, tracks objectives and targets measurable and their improvement. It also helps to quantify, monitor and controlling the impact of operations on the environment both in present and future.
13. Energy Management System (EnMS) in line with ISO 50001:2011 is implemented and certified by M/s Det Norske Veritas, Kolkata, which is valid up to 11.08.2017.
14. "World Environment Day" celebrated at plant for employees and neighborhood to create the environmental awareness.
15. LED lights are installed at plant roads for conservation of energy.
16. Suction hood provided on the top of the truck during loading at packing plant.
17. Energy efficient lights installed at various office locations.
18. Nibs trap installed at both cement mills to collect nibs generated during cement grinding to reduce unwanted load in cement mills, results reduction of power consumption.
19. Identification of e wastes and disposal to authorized party.
20. Recycled water sprinkling on roads through water sprinkler.
21. Excavated ponds at nearby villages to harvest rain water.
22. Promote and awareness given to villagers to produce paddy through SRI cultivation which saves more yield and need less water consumption.
23. Provided RO water at two no. of villages.

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