

ARASMETA CEMENT PLANT OF M/S LAFARGE INDIA LTD.
VILLAGE ARASMETA, PO- GOPALNAGAR,
DISTT. JANJGIR - CHAMPA, CHHATTISGARH

CONSENT TO OPERATE

PLANT: - AIR Consent Letter No. 5204//TS/CECB/2016 dated 28/01/2016 for Cement 22.4 Lacs MT/Annum
Water Consent Letter No. 5202//TS/CECB/2016 dated 28/01/2016 for Cement 22.4 Lacs MT/Annum
D.G Set: - AIR Consent Letter No. 1773//TS/CECB/2013 date 03/07/2013 for 3 x 6 = 18 MW.
Water Consent Letter No. 1771//TS/CECB/2013 date 03/07/2013 for 3 x 6 = 18 MW.

Monitoring Data For the Month of Mar` 2016

A. Stack Emission – Consent Condition for Particulate matter -Max. 50 mg/NM³

S.N.	Stack Attached to	PCEs	Particulate Matter (Mg/Nm ³)
1	KILN & RAW MILL -1	Bag Filter	27.5
2	PC & RAW MILL -2	Bag Filter	36.0
3	COOLER	ESP	31.6
4	COAL MILL -1	Bag Filter	34.1
5	COAL MILL -2	Bag Filter	36.4
6	CEMENT MILL -1	Bag Filter -1	34.5
7	CEMENT MILL -1	Bag Filter -2	37.3
8	CEMENT MILL -2	ESP	41.1
9	CEMENT MILL -2	Bag Filter	31.9
10	DG-1	-	NR
11	DG-2	-	42.9
12	DG-3	-	39.1

SD-Shut down, NR- Not running

B. Ambient Air Quality –

Pollutants	Ambient Air Quality (Monthly Average)				
	LOCATION				
	NAAQ STD.	Near Wagon Tippler - East	Near Main Security Gate - West	Near Rail way TXR Office -North	Near Old Truck Tippler - South
PM10 (µg/m ³)	100	47.0	54.0	52.0	49.0
PM2.5 (µg/m ³)	60	27.0	30.0	29.0	27.0
Sulphur Dioxide SO ₂ (µg/m ³)	80	6.9	6.5	5.8	6.4
Nitrogen Dioxide NO ₂ (µg/m ³)	80	9.0	9.7	7.2	8.8
Carbon Monoxide CO (mg/m ³)	4	0.15	0.16	0.13	0.16

C- Discharge Water Quality:

Cement plant maintained Zero Discharge, for cooling water close circuit arrangement, Plant domestic water discharge through Sock pit. Sewage Treatment Plant installed in colony for treatment of Domestic wastewater, Treated water used for Horticulture purpose.

Quality of Treated water of STP:

S.N.	Pollutants	Monthly average Results	CECB Standard (Max)
1	pH	7.4	5.5 - 9.0
2	Suspended Solids	55	100 mg/Ltr.
3	Chemical Oxygen Demand (COD)	53	250 mg/Ltr
4	Biological Oxygen Demand (BOD)	11	30 mg/Ltr
5	Oil & Grease	<5	10 mg/Ltr

For Lafarge India Limited,
Arasmeta Cement Plant,


(Ramesh Chandra Pathak)
Vice President