



Monthly Plant Environment monitoring report

As on: 06.06.2016

CHITTOR CEMENT PLANT
Of
M/s Lafarge India Limited
(Villages- Bhawalia, Mangrol and Arniya Joshi, Tehsil- Nimbahera, District. Chittorgarh, Rajasthan)

Environmental Clearance Letter no.:

- Letter No.: J-11011/1097/2007-IA-II (I) dated 23.12.2008 for Integrated Cement Plant (Cement 1.6 MTPA; Clinker 1.6 MTPA), Captive Power Plant (25 MW), DG set (5 MW) and Arniya Joshi Limestone Mining (2.6 MTPA, 1476.425 ha.)
- Letter No.: J-11011/113/2011-IA-II (I) dated 19.06.2012 for Proposed Expansion of Cement Plant (from 1.6 MTPA to 2.6 MTPA)

KEY PARAMETERS						
A) Static Information						
Plant area	: M/s Lafarge India Limited, Chittor Cement Plant, measuring area 182.7 Hact. Located at Village- Bhawalia, Tehsil- Nimbahera, District- Chittorgarh (Raj.).					
Production	: Clinker- 1.6 MTPA Cement- 2.6 MTPA					
Date of Commencement of the work	Chittor Cement Plant consent granted on dated 30/9/2013.					
B. Dynamic Parameters- Monitoring data for the month of May'16						
Pollutants	RSPCB (Max.)	AAQ (Monthly Average)				
		LIPL Colony	Near Main Gate	Near Stacker Reclaimer	Near Crusher	Near Truck Parking Area
Particulate Matter (PM _{2.5}) (µg/m ³)	60	28.45	30.22	32.97	32.40	32.24
Particulate Matter (PM ₁₀) (µg/m ³)	100	64.03	62.74	69.06	67.08	68.83
NOx (µg/m ³)	80	18.55	17.89	19.25	19.79	19.77
SOx (µg/m ³)	80	8.38	8.09	8.81	8.91	8.86
O ₃ (µg/m ³)	180	7.38	7.88	8.19	8.96	8.37
Pb (µg/m ³)	1	0.08	0.06	0.09	0.09	0.10
CO (mg/m ³)	4 (DL-0.5 mg/m ³)	BDL	BDL	BDL	BDL	BDL
NH ₃ (µg/m ³)	400	8.10	7.09	8.00	8.66	8.46
C ₆ H ₆ (µg/m ³)	5	ND	ND	ND	ND	ND
BaP (ng/m ³)	1	ND	ND	ND	ND	ND
As (ng/m ³)	DL-0.5mg/m ³	BDL	BDL	BDL	BDL	BDL
Ni (ng/m ³)	20	7.08	5.81	6.72	7.48	6.91
Hg (ng/m ³)	--	ND	ND	ND	ND	ND
C. Green belt development/Plantation data.						
No. plant are planted till Dec.'15	37986 Plants are planted from 2010 to till Dec.'15 at LIL-Plant, Colony					

Lafarge India Limited
Chittor Cement Plant

Village : Bhawaliya, Tehsil : Nimbahera, Distt : Chittorgarh, Rajasthan, 312620
Tel: +91-7727006112,13, www.lafarge-india.com



and nearby villages under CSR activity by M/s Lafarge India Limited.

(Calendar year-wise Nos)	2010-11	2011-12	2012-13	2013-14	2015 (Only Plants)
Month-Wise Plantation for LIL-Plant for year 2016	4788	8092	4720	15107	4890
	Jan.'16	Feb.'16	March.16	April'16	May'16
	182	389	250	1385	147

Ramesh Warke
(Vice President-CCP)