



LIL -Plant Environment monitoring report.

As on: 07.05.2016

**Chittor Cement Plant
Of**

M/s Lafarge India Limited.

(Villages- Bhawalia, Mangrol and Arniya Joshi, Tehsil- Nimbahera, District. Chittorgarh, Rajasthan)

ENVIRONMENTAL CLEARANCE:-

1. 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.)
2. 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	
1. Plant area.	M/s Lafarge India Limited, Chittor Cement Plant, Measuring area 182.7 Hact. Located at Village- Bhawalia, Tehsil- Nimbahera, District- Chittorgarh (Raj.)
2. Production.	Clinker- 1.6 MTPA Cement- 2.6 MTPA
3. Date of Commencement of the work.	Chittor Cement Plant Consent granted on dated 30/9/2103.

B. Dynamic Parameters- Monitoring data for the month of April'16.

B. Ambient Air Quality:

Pollutants	RSPCB (Max.)	AAQ (Monthly Average)				
		LIL Colony	Near Main Gate	Near Stacker Reclaimer	Near Crusher	Near Truck Parking Area
PM _{2.5} (µg/m ³)	60	27.72	27.87	33.13	32.92	33-57
PM ₁₀ (µg/m ³)	100	61.60	64.46	70.72	71.08	70.39
Nox (µg/m ³)	80	16.86	19.07	20.22	18.42	20.16
SO _x (µg/m ³)	80	7.11	8.29	9.12	9.39	9.32
O ₃ (µg/m ³)	180	6.39	7.70	8.41	8.79	8.82
Pb (µg/m ³)	1	0.06	0.07	0.10	0.10	0.11
CO (mg/m ³)	4	BDL(DL-0.5 mg/m ³)	BDL(DL-0.5 mg/m ³)	BDL(DL-0.5 mg/m ³)	BDL(DL-0.5 mg/m ³)	BDL(DL-0.5 mg/m ³)
NH ₃ (µg/m ³)	400	6.78	6.81	8.72	8.55	9.03
C ₆ H ₆ (µg/m ³)	5	ND	ND	ND	ND	ND
BaP (ng/m ³)	1	ND	ND	ND	ND	ND

Lafarge India Limited

Chittor Cement Plant

Village : Bhawaliya, Tehsil : Nimbahera, Distt : Chittorgarh, Rajasthan, 312620

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As (mg/m3)	BDL (DL-0.5mg/m3)	BDL (DL-0.5 mg/m3)	BDL (DL-0.5 mg/m3)	BDL (DL-0.5 mg/m3)	BDL (DL-0.5 mg/m3)	BDL (DL-0.5 mg/m3)	BDL (DL-0.5 mg/m3)
Ni (ng/m3)	20	5.95	6.31	7.54	8.01	7.79	7.79
Hg (ng/m3)	--	ND	ND	ND	ND	ND	ND

C. Green Belt Plantation details of LIL-Plant.

1.	No. of Plants area planted Till Dec.'15	37986 Plants are Planted from 2010 to till Dec.'15 at LIL-Plant and Mine site.					
2.	(Calendar year-wise Nos.)	2010-11	2011-12	2012-13	2013-14	2015 (Plants Only).	
		4788	8092	4720	15107	4890	
	Month-wise Plantation for LIL-Plant for year-2016.	Jan.'16	Feb.'16	March'16	April'16		
		182	389	250	1385		

Ramesh Warke
(Vice President-CCP)