



Monthly Plant Environment monitoring report

Dated: 08th Feb.'17

**CHITTOR CEMENT PLANT
Of
M/s Lafarge India Limited**

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

Environmental Clearance letter no.:

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	:	182.7 Hact.			
2. Production capacity	:	Clinker- 1.6 MTPA Cement- 2.6 MTPA			
3. Date of Commencement of the work		24/8/2016.			
B. Dynamic Parameters- Monitoring data for the month of Feb.'17.					
Pollutants in (µg/m ³)	RSPCB (Max.)	AAQ (Monthly Average) data			
		Location of Ambient Air Quality Monitoring Stations			
		Crusher Gate	Mangrol Gate	Main Gate-1	Township
Particulate Matter (PM _{2.5})	60	33.54	32.22	34.59	28.95
Particulate Matter (PM ₁₀)	100	63.08	62.68	63.80	55.44
NO _x	80	21.91	21.51	22.98	19.25
SO _x	80	7.28	7.69	8.35	6.81
O ₃	180	7.47	6.93	7.45	5.80
Pb	1	0.08	0.08	0.08	0.08
CO	4	BDL	BDL	BDL	BDL
NH ₃	400	6.43	6.41	7.02	6.0
C ₆ H ₆	5	ND	ND	ND	ND
BaP	1	ND	ND	ND	ND
As	BDL	BDL	BDL	BDL	BDL
Ni	20	6.29	5.97	6.40	6.02

AFARGE

Hg	--	ND	ND	ND	ND
C. Green belt development /Plantation data.					
No.-Of Plants are planted till Dec.'16	41519 Plants are planted from 2011 to till Dec.'16 at LIL Plant, Colony & Nearby area by M/s Lafarge India Limited.				
Calendar year wise (Nos).	2011-12	2012-13	2013-14	2015	2016
	8092	4970	15107	4750	8600
Month-wise Plantation for LIL in 2016.	Jan'17	Feb.'17			
	58	0			

Ramesh Warke
(Vice President-CCP)

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Manish