

Monthly Plant Environment monitoring report

Dated: 08th July, 2020

CHITTOR CEMENT PLANT
Of
M/s Nuvoco Vistas Corp. Ltd.
 (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 2.6 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).
3. J-11011/113/2011-IA-II (i) dated: - 16th November'2017, for proposed enhancement in Clinker production (from 1.60 to 1.94 MTPA) by process optimization.

KEY PARAMETERS					
A) Static Information					
1.	Plant Area	:	182.7 Hact.		
2.	Production capacity	:	Clinker- 1.94 MTPA Cement- 2.6 MTPA		
3.	Date of Commencement of the work	:	30/9/2013.		
B. Dynamic Parameters- Monitoring data for the month of June, 2020					
Pollutants In ($\mu\text{g}/\text{m}^3$)	RSPCB (Max.)	AAQM (Monthly Average) data			
		Location of Ambient Air Quality Monitoring Stations			
		Crusher Gate	Mangrol Gate	Main Gate-1	Township
Particulate Matter (PM-2.5)	60	40.26	39.40	38.30	36.13
Particulate Matter (PM-10)	100	61.79	59.96	60.73	57.78
NO ₂	80	24.07	22.25	22.92	21.05
SO ₂	80	10.07	12.14	9.60	9.71

O ₂	180	15.59	15.58	13.71	13.50
Pb	1	0.09	0.09	0.10	0.08
CO	4	0.61	0.62	0.58	0.60
NH ₃	400	9.06	9.55	10.81	8.34
CaH ₂	5	BDL (DL 0.5)	BDL (DL 0.5)	BDL (DL 0.5)	BDL (DL 0.5)
RaP	1	BDL (DL 0.1)	BDL (DL 0.1)	BDL (DL 0.1)	BDL (DL 0.1)
As	6	BDL (DL 0.5)	BDL (DL 0.5)	BDL (DL 0.5)	BDL (DL 0.5)
Ni	20	3.53	3.53	3.25	2.85
Hg	--	BDL (DL 0.5)	BDL (DL 0.5)	BDL (DL 0.5)	BDL (DL 0.5)

C. Green belt development /Plantation data.

No. of Plants are planted till Mar.'20	66020 Sampling have are planted from 2011 to March'20 at Plant, Colony & Nearby area under CSR activity by M/s Nuvovo Vistas Corp. Limited.					
Calendar year wise (Nos).	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17
	8092	4970	15107	4750	8600	5154
Month-wise Plantation of NVCL Chittor Cement Plant in FY- 2020-21.	2017-18	2018-19	2019-20			
	8112	3946	4063			
	April'20	May'20	June'20			
	00	00	1040			


 Sanjay Kumar Tyagi
 (Vice President-CCP)