

**ARASMETA CEMENT PLANT OF M/S NUVOCO VISTAS CORP.LTD.  
VILLAGE ARASMETA, PO- GOPALNAGAR, DISTT.  
JANJGIR - CHAMPA, CHHATTISGARH**

**CONSENT TO OPERATE**

**PLANT: -** AIR Consent Letter No. 6503/TS/CECB/2017 dated 14/03/2017 for Cement 22.4 Lacs MT/Annum  
Water Consent Letter No. 6501//TS/CECB/2017 dated 14/03/2017 for Cement 22.4 Lacs MT/Annum

**D.G Set: -** AIR Consent Letter No. 3386/TS/CECB/2016 date 09/09/2016 for 3 x 6 = 18 MW.  
Water Consent Letter No. 3384/TS/CECB/2016 date 09/09/2016 for 3 x 6 = 18 MW

**Monitoring Data For the Month of July ` 2017**

**A. Stack Emission – Consent Condition for Particulate matter -Max. 30 mg/Nm<sup>3</sup>**

S.N.	Stack Attached to	PCEs	Particulate Matter (Mg/Nm <sup>3</sup> )
1	KILN & RAW MILL -1	Bag Filter	22.7
2	PC & RAW MILL -2	Bag Filter	25.9
3	COOLER	ESP	24.8
4	COAL MILL -1	Bag Filter	22.2
5	COAL MILL -2	Bag Filter	19.2
6	CEMENT MILL -1	Bag Filter -1	22.7
7	CEMENT MILL -1	Bag Filter -2	24.7
8	CEMENT MILL -2	ESP	27.3
9	CEMENT MILL -2	Bag Filter	27.3
10	DG-3	-	NR
11	DG-4	-	NR
12	DG-5	-	NR

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/m3)	100	28.0	31.0	32.0	23.0
PM2. 5 (µg/m3)	60	21.0	14.0	22.0	18.0
Sulphur Dioxide SO <sub>2</sub> (µg/m3)	80	8.6	8.3	7.2	7.4
Nitrogen Dioxide NO <sub>2</sub> (µg/m3)	80	10.6	9.5	8.3	9.5
Carbon Monoxide CO (mg/m3)	4	0.18	0.16	0.13	0.15


**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	7.8	5.5 - 9.0
2	Suspended Solids	62	100 mg/Ltr.
3	Chemical Oxygen Demand (COD)	60	250 mg/Ltr
4	Biological Oxygen Demand (BOD)	15	30 mg/Ltr
5	Oil& Grease	<5	10 mg/Ltr

**For Nuvoco Vistas Corp.Ltd (Formerly Lafarge India Ltd)**  
(Arasmeta Cement Plant)

  
(Sanjay Tyagi)  
Asst. Vice President-Operations

**Nuvoco Vistas Corp. Ltd.**

(formerly Lafarge India Limited)

Arasmeta Cement Plant, P.O. Gopalnagar, Dist. Janjgir – Champa, Chhattisgarh – 495663 (India)

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