


Jojobera Cement Plant
Environment Monitoring Data for the Month of March 2018

A. Stack Monitoring

S. No.	Stack Attached to	Bag Filter No.	Pollution Control Equipment	STD. (MAX) (Mg/NM ³)	Particulate Matter Actual (Mg/NM ³)
1	Slag Grinding	550BF2	Bag Filter	30	23.21
2	Slag Grinding	550BF4	Bag Filter	30	24.8
3	Slag Grinding	550BF6	Bag Filter	30	20.5
4	Slag Grinding	551BF2	Bag Filter	30	16.10
5	Slag Grinding	551BF4	Bag Filter	30	18.6
6	Slag Grinding	551BF6	Bag Filter	30	24.6
7	Slag Grinding	560BF1	Bag Filter	30	19.0
8	Clinker Grinding	565BF1	Bag Filter	30	18.3
9	Clinker Grinding	566BF1	Bag Filter	30	22.4
10	Clinker Grinding	567BF1	Bag Filter	30	18.0
11	Clinker Grinding	567BF2	Bag Filter	30	24.9
12	Clinker Grinding	568BF1	Bag Filter	30	23.5
13	Clinker Grinding	568BF2	Bag Filter	30	19.8
14	Clinker Grinding	570BF1	Bag Filter	30	17.6
15	Clinker Grinding	570BF2	Bag Filter	30	26.4
16	PPC II	571BF1	Bag Filter	30	23.3
17	PPC II	571BF2	Bag Filter	30	24.7
18	Packing Plant	661BF1	Bag Filter	30	18.9
19	Packing Plant	662BF1	Bag Filter	30	20.3
20	Packing Plant	663BF1	Bag Filter	30	18.0
21	VRM	456DC98	Bag House	30	23.5
22	Coal Mill	613DC14	Bag Filter	30	19.9


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B. Ambient Air Quality

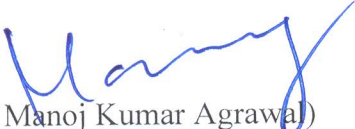
S. NO.	PARAMETER	UNIT	LIMIT	Auto Garage	Gypsum Yard	Railway Gate	Time Office	Material Gate
1	Sulphur Dioxide(SO ₂)	ug/m3	80	33.8	37.4	38.3	35.6	41.9
2	Nitrogen Dioxide(NO ₂)	ug/m3	80	39.5	42.8	43.9	41.3	49.8
3	PM 10	ug/m3	100	77.5	87.2	89.3	83.5	88.2
4	PM 2.5	ug/m3	60	39.4	51.1	47.6	43.2	51.9

C. Effluent and STP Outlet Water Quality

S. No.	Pollutants	PCB Standard (Max)	Results obtained (Plant outlet No. 2)	Results obtained (STP outlet water)
1	pH	5.5 – 9.0	7.62	7.36
2	Total Suspended Solids (TSS)	100 mg/litre	18.0	12.0
3	Chemical Oxygen Demand (COD)	250 mg/litre	62.3	41.6
4	Biological Oxygen Demand (BOD)	30 mg/litre	13.5	10.4

D. Noise Monitoring Data

S.NO.	LOCATION	NOISE LEVELS Day Time [Limit - 75 dB(A)]	NOISE LEVEL Night Time [Limit - 70 dB(A)]
1	TIME OFFICE	65.8	58.9
2	RAILWAY GATE	70.4	67.2
3	MATERIAL GATE	71.8	68.2


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