

Jojobera Cement Plant
Environment Monitoring Data for the Month of September 2019

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	26.21
2	Slag Grinding	550BF4	Bag Filter	30	27.10
3	Slag Grinding	550BF6	Bag Filter	30	24.82
4	Slag Grinding	551BF2	Bag Filter	30	25.44
5	Slag Grinding	551BF4	Bag Filter	30	24.49
6	Slag Grinding	551BF6	Bag Filter	30	26.68
7	Slag Grinding	560BF1	Bag Filter	30	25.50
8	Clinker Grinding	565BF1	Bag Filter	30	25.38
9	Clinker Grinding	566BF1	Bag Filter	30	23.31
10	Clinker Grinding	567BF1	Bag Filter	30	27.33
11	Clinker Grinding	567BF2	Bag Filter	30	23.12
12	Clinker Grinding	568BF1	Bag Filter	30	24.01
13	Clinker Grinding	568BF2	Bag Filter	30	23.55
14	Clinker Grinding	570BF1	Bag Filter	30	27.29
15	Clinker Grinding	570BF2	Bag Filter	30	26.09
16	PPC II	571BF1	Bag Filter	30	25.27
17	PPC II	571BF2	Bag Filter	30	21.08
18	Packing Plant	661BF1	Bag Filter	30	24.31
19	Packing Plant	662BF1	Bag Filter	30	27.88
20	Packing Plant	663BF1	Bag Filter	30	23.47
21	VRM	456DC98	Bag House	30	26.75
22	Coal Mill	613DC14	Bag Filter	30	24.84



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B. Ambient Air Quality

S. NO.	PARAMETER	UNIT	LIMIT	Auto Garage	Near Gypsum Yard	Railway Gate	Time Office	Material Gate
1	PM 10	ug/m3	100	77.38	84.82	81.28	89.85	79.76
2	PM 2.5	ug/m3	60	34.13	44.14	43.29	44.94	40.52
3	Sulphur Dioxide(SO ₂)	ug/m3	80	27.50	31.95	31.53	28.53	34.10
4	Nitrogen Dioxide(NO ₂)	ug/m3	80	34.95	35.61	36.27	38.99	37.45

C. STP Outlet Water Quality

S. No.	Pollutants	PCB Standard (Max)	Results obtained (STP outlet water)
1	pH	5.5 – 9.0	7.06
2	Total Suspended Solids (TSS)	100 mg/litre	3.0
3	Chemical Oxygen Demand (COD)	250 mg/litre	22.0
4	Biological Oxygen Demand (BOD)	30 mg/litre	5.0

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	67.37	64.07
2	RAILWAY GATE	70.51	66.02
3	GYPSUM YARD	69.57	66.34


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