

SAGAR CEMENTS LIMESTONE MINE- 1 OF SAGAR CEMENTS LIMITED

Pedaveedu Village, Mattampally Mandal, Suryapet District.

AMBIENT AIR QUALITY MONITORING REPORTS (January - March 2023)

Sl No	Location	Near Drilling	Near Loading	Near Crusher	Near Dumping	Near Haulage road	Near Secondary Crusher	Near Conveyor TP-1	Near Conveyor TP-2	Near Haulage Rd. Ramp	Near Mines Office	Mattampally Village	Pedaveedu Village	LIMITS	PROTOCOL
		24.03.2023		27.03.2023		24.03.2023 & 28.03.2023		28.03.2023		28.03.2023 & 24.03.2023		25.03.2023			
	Date of Sampling	Core zone										Buffer Zone		***	***
1	Total time of monitoring	24 Hours												***	***
2	Average flow rate (cum/min)	1.10	1.13	1.09	1.11	1.05	1.10	1.04	1.03	1.07	1.10	1.07	1.11	***	***
3	Particulate matter concentration (µg/m ³)-PM10	68	72	67	74	64	63	64	73	57	58	65	58	<100	IS-5182 (Part-23)
4	Particulate matter Concentration(µg/m ³)-PM2.	25	27	25	29	23	24	23	28	20	21	24	18	<60	NAAQMS/36/2012-13
5	Sulphur dioxide (So2) Concentration(µg/m ³)	08	13	07	10	09	07	08	10	09	12	11	09	<80	IS-5182 (Part-2)
6	Nitrogen dioxide (No2) Concentration(µg/m ³)	20	26	18	22	22	16	17	22	18	24	22	20	<80	IS-5182 (Part-6)
7	CO Concentration (ppm)	<1	<1	-	-	<1	-		-	-	<1	<1	<1	<2	IS-5182 (Part-10)