

SAGAR CEMENTS LIMESTONE MINE- 1 OF SAGAR CEMENTS LIMITED

Pedaveedu Village, Mattampally Mandal, Suryapet District.

AMBIENT AIR QUALITY MONITORING REPORTS (October - December 2022)

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
		23.12.2022		26.12.2022		23.12.2022 & 27.12.2022		27.12.2022		27.12.2022		24.12.2022		***	***
Core zone												Buffer Zone			
1	Total time of monitoring	24 Hours												***	***
2	Average flow rate (cum/min)	1.07	1.11	1.13	1.08	1.09	1.06	1.06	1.08	1.15	1.06	1.02	1.06	***	***
3	Particulate matter concentration ($\mu\text{g}/\text{m}^3$)-PM10	63	75	65	72	67	69	66	70	61	69	55	60	<100	IS-5182 (Part-23)
4	Particulate matter Concentration($\mu\text{g}/\text{m}^3$)-PM2.	21	29	24	27	26	27	24	26	22	27	19	23	<60	NAAQMS/36/2012-13
5	Sulphur dioxide (So2) Concentration($\mu\text{g}/\text{m}^3$)	07	10	09	12	12	08	07	11	10	08	10	08	<80	IS-5182 (Part-2)
6	Nitrogen dioxide (No2) Concentration($\mu\text{g}/\text{m}^3$)	18	21	20	24	24	19	18	21	23	19	20	18	<80	IS-5182 (Part-6)
7	CO Concentration (ppm)	<1	<1	-	-	<1	-	-	-	-	<1	<1	<1	<2	IS-5182 (Part-10)