

SAGAR CEMENTS LIMESTONE MINE- 1 OF SAGAR CEMENTS LIMITED

Pedaveedu Village, Mattampally Mandal, Suryapet District.

AMBIENT AIR QUALITY MONITORING REPORTS (July - September 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
		21.09.2022		19.09.2022		22.06.2022		20.09.2022		20.09.2022		22.09.2022		***	***
Date of Sampling		Core zone										Buffer Zone			
1	Total time of monitoring	24 Hours											***	***	
2	Average flow rate (cum/min)	1.09	1.15	1.09	1.15	1.15	1.13	1.04	1.10	1.06	1.11	1.04	1.09	***	***
3	Particulate matter concentration ($\mu\text{g}/\text{m}^3$)-PM10	68	77	68	75	63	62	70	64	65	60	57	52	<100	IS-5182 (Part-23)
4	Particulate matter Concentration($\mu\text{g}/\text{m}^3$)-PM2.	26	32	26	29	24	20	29	23	24	22	22	17	<60	NAAQMS/36/2012-13
5	Sulphur dioxide (So2) Concentration($\mu\text{g}/\text{m}^3$)	9	12	08	10	10	11	10	7	13	6	9	11	<80	IS-5182 (Part-2)
6	Nitrogen dioxide (No2) Concentration($\mu\text{g}/\text{m}^3$)	22	24	22	18	20	22	23	16	26	17	21	23	<80	IS-5182 (Part-6)
7	CO Concentration (ppm)	<1	<1	-	-	<1	-	-	-	-	<1	<1	<1	<2	IS-5182 (Part-10)