

SAGAR CEMENTS LIMESTONE MINE - 2 OF SAGAR CEMENTS LIMITED

Pedaveedu Village, Mattampally Mandal, Suryapet District.

AMBIENT AIR QUALITY MONITORING REPORTS (October -December 2023)

Sl No	Location	Near Drilling	Near Loading	Haul Road Cross	Haul road exit of MLB	Near Haulage road	Near Mines Office	Gundlapally Village	Pedaveedu Village	Ramachandrapuram Village	LIMITS	PROTOCOL	
		22.12.2023		24.12.2023		22.12.2023		21.12.2023					
Date of Sampling		Core Zone						Buffer Zone			***	***	
1	Total time of monitoring	24 Hours										***	***
2	Average flow rate (cum/min)	1.09	1.15	1.05	1.10	1.06	1.11	1.02	1.05	1.14	***	***	
3	Particulate matter concentration ($\mu\text{g}/\text{m}^3$)-PM10	72	68	60	52	60	52	60	67	62	<100	IS-5182 (Part-23)	
4	Particulate matter Concentration($\mu\text{g}/\text{m}^3$)-PM2.	29	27	22	17	21	16	21	26	23	<60	IS-5182 (Part-24)	
5	Sulphur dioxide (So2) Concentration($\mu\text{g}/\text{m}^3$)	07	12	12	09	09	06	09	13	10	<80	IS-5182 (Part-2)	
6	Nitrogen dioxide (No2) Concentration($\mu\text{g}/\text{m}^3$)	17	24	24	20	20	16	20	25	22	<80	IS-5182 (Part-6)	
7	CO Concentration (ppm)	<1	<1	-	-	<1	<1	<1	<1	<1	<2	IS-5182 (Part-10)	