

SAGAR CEMENTS LIMESTONE MINE - 2 OF SAGAR CEMENTS LIMITED

Pedaveedu Village, Mattampally Mandal, Suryapet District.

AMBIENT AIR QUALITY MONITORING REPORTS (January - March 2024)

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	
		23.03.2024		24.03.2024		23.03.2024		22.03.2024					
	Date of Sampling	Core Zone						Buffer Zone			***	***	
1	Total time of monitoring	24 Hours										***	***
2	Average flow rate (cum/min)	1.06	1.12	1.08	1.13	1.09	1.14	1.07	1.09	1.13	***	***	
3	Particulate matter concentration ($\mu\text{g}/\text{m}^3$)-PM10	76	73	63	57	63	58	53	64	50	<100	IS-5182 (Part-23)	
4	Particulate matter Concentration($\mu\text{g}/\text{m}^3$)-PM2.	32	30	23	20	23	20	18	24	16	<60	IS-5182 (Part-24)	
5	Sulphur dioxide (So2) Concentration($\mu\text{g}/\text{m}^3$)	08	14	11	07	11	09	06	11	07	<80	IS-5182 (Part-2)	
6	Nitrogen dioxide (No2) Concentration($\mu\text{g}/\text{m}^3$)	19	26	22	18	22	20	15	21	17	<80	IS-5182 (Part-6)	
7	CO Concentration (ppm)	<1	<1	-	-	<1	<1	<1	<1	<1	<2	IS-5182 (Part-10)	