

SAGAR CEMENTS LIMESTONE MINE - 2 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	Haul Road Cross	Haul road exit of MLB	Near Haulage road	Near Mines Office	Gundlapally Village	Pedaveedu Village	Ramachandrapuram Village	LIMITS	PROTOCOL	
		25.12.2022		26.12.2022		25.12.2022		24.12.2022					
	Date of Sampling	Core Zone						Buffer Zone			***	***	
1	Total time of monitoring	24 Hours										***	***
2	Average flow rate (cum/min)	1.08	1.12	1.14	1.06	1.14	1.06	1.07	1.06	1.11	***	***	
3	Particulate matter concentration ($\mu\text{g}/\text{m}^3$)-PM10	70	68	65	57	65	58	54	60	66	<100	IS-5182 (Part-23)	
4	Particulate matter Concentration($\mu\text{g}/\text{m}^3$)-PM2.	29	27	24	20	25	21	18	23	25	<60	NAAQMS/36/2012-13	
5	Sulphur dioxide (So2) Concentration($\mu\text{g}/\text{m}^3$)	09	11	10	07	13	10	09	08	10	<80	IS-5182 (Part-2)	
6	Nitrogen dioxide (No2) Concentration($\mu\text{g}/\text{m}^3$)	18	23	20	18	26	22	21	18	22	<80	IS-5182 (Part-6)	
7	CO Concentration (ppm)	<1	<1	-	-	<1	<1	<1	<1	--	<2	IS-5182 (Part-10)	