

SAGAR CEMENTS LIMESTONE MINE - 2 OF SAGAR CEMENTS LIMITED

Pedaveedu Village, Mattampally Mandal, Suryapet District.

AMBIENT AIR QUALITY MONITORING REPORTS (October - December, 2021)

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	
		18.12.2021		18.12.2021		18.12.2021		17.12.2021					
	Date of Sampling	Core Zone						Buffer Zone			***	***	
1	Total time of monitoring	24 Hours										***	***
2	Average flow rate (cum/min)	1.02	1.05	1.09	1.11	1.09	1.11	1.06	1.04	1.08	***	***	
3	Particulate matter concentration ($\mu\text{g}/\text{m}^3$)-PM10	65	69	74	67	60	51	56	67	50	<100	IS-5182 (Part-23)	
4	Particulate matter Concentration($\mu\text{g}/\text{m}^3$)-PM2.	24	26	28	25	23	19	21	25	19	<60	NAAQMS/36/2012-13	
5	Sulphur dioxide (So2) Concentration($\mu\text{g}/\text{m}^3$)	09	11	12	07	07	11	06	12	09	<80	IS-5182 (Part-2)	
6	Nitrogen dioxide (No2) Concentration($\mu\text{g}/\text{m}^3$)	21	23	22	20	22	17	21	24	22	<80	IS-5182 (Part-6)	
7	CO Concentration (ppm)	<1	<1	-	-	<1	<1	<1	<1	<1	<2	IS-5182 (Part-10)	