

SAGAR CEMENTS LIMESTONE MINE - 2 OF SAGAR CEMENTS LIMITED

Pedaveedu Village, Mattampally Mandal, Suryapet District.

AMBIENT AIR QUALITY MONITORING REPORTS (April - June 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	
		20.06.2022		21.06.2022		20.06.2022		25.06.2022					
	Date of Sampling	Core Zone						Buffer Zone			***	***	
1	Total time of monitoring	24 Hours										***	***
2	Average flow rate (cum/min)	1.05	1.14	1.08	1.15	1.02	1.10	1.12	1.06	1.10	***	***	
3	Particulate matter concentration ($\mu\text{g}/\text{m}^3$)-PM10	69	76	69	64	65	59	53	60	67	<100	IS-5182 (Part-23)	
4	Particulate matter Concentration($\mu\text{g}/\text{m}^3$)-PM2.	26	30	28	25	24	20	17	19	26	<60	NAAQMS/36/2012-13	
5	Sulphur dioxide (So2) Concentration($\mu\text{g}/\text{m}^3$)	9	11	12	9	12	8	7	12	10	<80	IS-5182 (Part-2)	
6	Nitrogen dioxide (No2) Concentration($\mu\text{g}/\text{m}^3$)	20	23	25	21	24	18	16	24	22	<80	IS-5182 (Part-6)	
7	CO Concentration (ppm)	<1	<1	-	-	<1	<1	<1	<1	--	<2	IS-5182 (Part-10)	