

SAGAR CEMENTS LIMESTONE MINE - 2 OF SAGAR CEMENTS LIMITED

Pedaveedu Village, Mattampally Mandal, Suryapet District.

AMBIENT AIR QUALITY MONITORING REPORTS (January - March 2023)

SI 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	
		26.03.2023		27.03.2023		26.03.2023		25.03.2023					
	Date of Sampling	Core Zone						Buffer Zone			***	***	
1	Total time of monitoring	24 Hours										***	***
2	Average flow rate (cum/min)	1.04	1.09	1.08	1.10	1.07	1.015	1.05	1.11	1.13	***	***	
3	Particulate matter concentration ($\mu\text{g}/\text{m}^3$)-PM10	67	73	62	53	62	54	56	58	62	<100	IS-5182 (Part-23)	
4	Particulate matter Concentration($\mu\text{g}/\text{m}^3$)-PM2.	26	32	22	18	23	18	16	18	22	<60	NAAQMS/36/2012-13	
5	Sulphur dioxide (So2) Concentration($\mu\text{g}/\text{m}^3$)	10	08	12	09	11	06	07	09	12	<80	IS-5182 (Part-2)	
6	Nitrogen dioxide (No2) Concentration($\mu\text{g}/\text{m}^3$)	22	18	24	21	23	15	16	20	23	<80	IS-5182 (Part-6)	
7	CO Concentration (ppm)	<1	<1	-	-	<1	<1	<1	<1	--	<2	IS-5182 (Part-10)	