

## SAGAR CEMENTS LIMESTONE MINE - 2 OF SAGAR CEMENTS LIMITED

Pedaveedu Village, Mattampally Mandal, Suryapet District.

### AMBIENT AIR QUALITY MONITORING REPORTS (April - June 2023)

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
		25.06.2023		21.06.2023		25.06.2023		24.06.2023				
	Date of Sampling	Core Zone						Buffer Zone			***	***
1	Total time of monitoring	24 Hours									***	***
2	Average flow rate ( cum/min)	1.08	1.13	1.05	1.15	1.14	1.09	1.03	1.15	1.08	***	***
3	Particulate matter concentration ( $\mu\text{g}/\text{m}^3$ )-PM10	65	70	67	58	69	56	59	64	57	<100	IS-5182 (Part-23)
4	Particulate matter Concentration( $\mu\text{g}/\text{m}^3$ )-PM2.	24	29	25	21	26	20	22	24	17	<60	IS-5182 (Part-24)
5	Sulphur dioxide (So2) Concentration( $\mu\text{g}/\text{m}^3$ )	09	07	13	11	14	08	06	11	10	<80	IS-5182 (Part-2)
6	Nitrogen dioxide (No2) Concentration( $\mu\text{g}/\text{m}^3$ )	20	23	26	23	25	16	17	23	20	<80	IS-5182 (Part-6)
7	CO Concentration (ppm)	<1	<1	-	-	<1	<1	<1	<1	--	<2	IS-5182 (Part-10)