

SAGAR CEMENTS LIMESTONE MINE - 2 OF SAGAR CEMENTS LIMITED

Pedaveedu Village, Mattampally Mandal, Suryapet District.

AMBIENT AIR QUALITY MONITORING REPORTS (July - September 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	
	Date of Sampling	16.09.2023		11.09.2023		16.09.2023		15.09.2023			***	***	
		Core Zone						Buffer Zone					
1	Total time of monitoring	24 Hours									***	***	
2	Average flow rate (cum/min)	1.04	1.10	1.12	1.07	1.08	1.05	1.05	1.10	1.12	***	***	
3	Particulate matter concentration ($\mu\text{g}/\text{m}^3$)-PM10	67	74	65	55	64	58	57	61	64	<100	IS-5182 (Part-23)	
4	Particulate matter Concentration($\mu\text{g}/\text{m}^3$)-PM2.	26	31	24	19	24	22	19	21	25	<60	IS-5182 (Part-24)	
5	Sulphur dioxide (So2) Concentration($\mu\text{g}/\text{m}^3$)	11	31	10	08	12	05	08	10	12	<80	IS-5182 (Part-2)	
6	Nitrogen dioxide (No2) Concentration($\mu\text{g}/\text{m}^3$)	22	25	22	16	24	15	18	21	24	<80	IS-5182 (Part-6)	
7	CO Concentration (ppm)	<1	<1	-	-	<1	<1	<1	<1	--	<2	IS-5182 (Part-10)	