

## SAGAR CEMENTS LIMESTONE MINE- 1 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	Near Crusher	Near Dumping	Near Haulage road	Near Secondary Crusher	Near Conveyor TP-1	Near Conveyor TP-2	Near Haulage Rd. Ramp	Near Mines Office	Mattampally Village	Pedaveedu Village	LIMITS	PROTOCOL
		13.09.2023		11.09.2023		12.09.2023		12.09.2023		13.09.2023		15.09.2023			
Date of Sampling		Core zone										Buffer Zone		***	***
1	Total time of monitoring	24 Hours												***	***
2	Average flow rate ( cum/min)	1.08	1.13	1.12	1.06	1.09	1.11	1.05	1.07	1.11	1.15	1.08	1.13	***	***
3	Particulate matter concentration (µg/m <sup>3</sup> )-PM10	64	71	66	68	59	64	69	75	60	53	53	59	<100	IS-5182 (Part-23)
4	Particulate matter Concentration(µg/m <sup>3</sup> )-PM2.5	24	28	23	25	18	23	26	29	22	16	17	20	<60	IS-5182 (Part-24)
5	Sulphur dioxide (So2) Concentration(µg/m <sup>3</sup> )	08	12	06	09	13	08	11	07	13	10	09	11	<80	IS-5182 (Part-2)
6	Nitrogen dioxide (No2) Concentration(µg/m <sup>3</sup> )	18	24	17	21	25	18	22	17	25	20	18	22	<80	IS-5182 (Part-6)
7	CO Concentration (ppm)	<1	<1	-	-	<1	-	-	-	-	<1	<1	<1	<2	IS-5182 (Part-10)