

SAGAR CEMENTS LIMESTONE MINE- 1 OF SAGAR CEMENTS LIMITED

Pedaveedu Village, Mattampally Mandal, Suryapet District.

AMBIENT AIR QUALITY MONITORING REPORTS (April - June 2021)

Sl No	Location	Near Drilling	Near Loading	Near Crusher	Near Dumping	Near Haulage road	Near Conveyor Transfer Point-1	Near Conveyor Transfer Point-2	Near Haulage Rd. Ramp	Near Mines Office	Mattampally Village	Pedaveedu Village	LIMITS	PROTOCOL
		24.06.2021		21.06.2021		24.06.2021	22.06.2021		22.06.21	24.06.21	25.06.2021		***	***
Core zone											Buffer Zone			
1	Total time of monitoring	24 Hours											***	***
2	Average flow rate (cum/min)	1.02	1.12	1.07	1.12	1.11	1.13	1.05	1.09	1.06	1.02	1.07	***	***
3	Particulate matter concentration (µg/m ³)-PM10	70	78	70	72	74	62	69	67	62	60	53	<100	IS-5182 (Part-23)
4	Particulate matter Concentration(µg/m ³)-PM2.	25	31	26	28	29	21	24	24	23	22	18	<60	NAAQMS/36/2012-13
5	Sulphur dioxide (So2) Concentration(µg/m ³)	7	10	10	7	12	8	11	12	9	9	11	<80	IS-5182 (Part-2)
6	Nitrogen dioxide (No2) Concentration(µg/m ³)	22	24	21	18	26	17	21	25	21	21	19	<80	IS-5182 (Part-6)
7	CO Concentration (ppm)	<1	<1	-	-	<1	-	-	-	<1	<1	<1	<2	IS-5182 (Part-10)