

1-hour TSP Monitoring Results

Station AM5

Date	Start Time	Finish Time	Weather	TSP Concentration ($\mu\text{g}/\text{m}^3$)	Action Level ($\mu\text{g}/\text{m}^3$)	Limit Level ($\mu\text{g}/\text{m}^3$)	Site Conditions / Observations / Remarks	Temperature ($^{\circ}\text{C}$)	Wind Speed * (m/s)	Sampler ID	Filter ID
03-Sep-10	08:00	09:00	Sunny	177	332	500	Operation of hydraulic excavator and bentonite filtering plant	26	<5	2146	279
	13:15	14:15	Sunny	49	332	500	Operation of mobile crane and bentonite filtering plant	26	<5	2146	280
	14:20	15:20	Sunny	73	332	500	Operation of mobile crane and bentonite filtering plant	26	<5	2146	281
09-Sep-10	08:00	09:00	Cloudy	86	332	500	Operation of hydraulic excavator and bentonite filtering plant	28.2	<5	2146	286
	10:20	11:20	Cloudy	128	332	500	Operation of mobile crane and bentonite filtering plant	28.2	<5	2146	287
	11:22	12:22	Cloudy	145	332	500	Operation of mobile crane and bentonite filtering plant	28.2	<5	2146	288
15-Sep-10	08:00	09:00	Fine	163	332	500	Operation of hydraulic excavator and bentonite filtering plant	28.2	<5	2146	293
	13:20	14:20	Fine	97	332	500	Operation of hydraulic excavator and bentonite filtering plant	28.2	<5	2146	294
	14:25	15:25	Fine	136	332	500	Operation of mobile crane, hydraulic excavator and bentonite filtering plant	28.2	<5	2146	295
21-Sep-10	08:00	09:00	Cloudy	139	332	500	Operation of hydraulic excavator and bentonite filtering plant	24.5	<5	2146	300
	09:30	10:30	Cloudy	17	332	500	Operation of hydraulic excavator, mobile crane and bentonite filtering plant	24.5	<5	2146	301
	10:32	11:32	Cloudy	20	332	500	Operation of mobile crane, hydraulic excavator and bentonite filtering plant	24.5	<5	2146	302
27-Sep-10	15:05	16:05	Fine	80	332	500	Operation of hydraulic excavator, mobile crane and bentonite filtering plant	28.3	<5	2146	308
	16:10	17:10	Fine	64	332	500	Operation of mobile crane, hydraulic excavator and bentonite filtering plant	28.3	<5	2146	309
	13:00	14:00	Sunny	55	332	500	Operation of hydraulic excavator and bentonite filtering plant	28.5	<5	2146	312
30-Sep-10	08:00	09:00	Fine	122	332	500	No major construction works	27.7	<5	2146	315
	13:25	14:25	Fine	85	332	500	Operate of mobile crane	27.7	<5	2146	316
	14:30	15:30	Fine	75	332	500	No major construction works	27.7	<5	2146	317
				Min.	17						
				Max.	177						
				Average	95						

* Please refer to the Wind Speed data in the EM&A Report