



CHEMPLAST SANMAR LIMITED
SANMAR SPECIALITY CHEMICALS DIVISION -BERIGAI

AMBIENT AIR QUALITY MONITORING RESULTS

Sampling and analysis by : Nawal Analytical Laboratories (MoEF accredited laboratory)

Month: March- 2023			SAMPLE LOCATIONS			
SL.NO	PARAMETERS	UNIT	TANK FORM	CANTEEN	PHYTO GATE	ETP PLANT
1	Particulate Matter as PM 10	(µg/m3)	55	58	82	67
2	Particulate Matter as PM 2.5	(µg/m3)	30	32	44	36
3	Nitrogen Dioxide as NO2	(µg/m3)	26	22	34	28
4	Sulphur Dioxide as SO2	(µg/m3)	9.1	8.3	13.9	10.8
5	Ozone as O3	(µg/m3)	BLQ(LOQ-10.0)	BLQ(LOQ-10.0)	BLQ(LOQ-10.0)	BLQ(LOQ-10.0)
6	Lead as Pb	(µg/m3)	BLQ(LOQ-0.05)	BLQ(LOQ-0.05)	BLQ(LOQ-0.05)	BLQ(LOQ-0.05)
7	Carbon monoxide as CO	(mg/m3)	0.31	0.293	0.376	0.339
8	Ammonia as NH3	(µg/m3)	BLQ(LOQ-20.0)	BLQ(LOQ-20.0)	BLQ(LOQ-20.0)	BLQ(LOQ-20.0)
9	Benzene as C6H6	(µg/m3)	BLQ(LOQ-0.1)	BLQ(LOQ-0.1)	BLQ(LOQ-0.1)	BLQ(LOQ-0.1)
10	Benzo (a) Pyrene	(ng/m3)	BLQ(LOQ-0.1)	BLQ(LOQ-0.1)	BLQ(LOQ-0.1)	BLQ(LOQ-0.1)
11	Arsenic as As	(ng/m3)	BLQ(LOQ-2.0)	BLQ(LOQ-2.0)	BLQ(LOQ-2.0)	BLQ(LOQ-2.0)
12	Nickel as Ni	(ng/m3)	BLQ(LOQ-2.0)	BLQ(LOQ-2.0)	BLQ(LOQ-2.0)	BLQ(LOQ-2.0)

Sampling and analysis by : District Environmental Lab, Tamil Nadu Pollution Control Board, Hosur.

Month: March- 2023			SAMPLE LOCATIONS					
SL.NO	PARAMETERS	UNIT	PETROLEUM TANK FORM (NE)	PRODUCTION PLANT (E)	EMERGENCY ROOM (SE)	SCRAP UNIT (SW)	OCCUPATIONAL HEALTH CENTER (NW)	VEHICLE PARKING (S)
1	Particulate Matter as PM 10	(µg/m3)	54	47	48	49	39	21
2	Particulate Matter as PM 2.5	(µg/m3)	15	-	-	12	-	-
3	Sulphur Dioxide as SO2	(µg/m3)	10	12	15	17	16	13
4	Nitrogen Dioxide as NO2	(µg/m3)	12	14	17	19	18	15