

**AAQM ANALYSIS REPORT ( OCTOBER 20 to MARCH 21 )**

Location	Month			Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21
	PARAMETER	Unit	Norms	Results					
Near ETP Area	Particulate Matter ( PM 10)	µg/m3	100	75	75	80	82	89	79
	Particulate Matter ( PM 2.5)	µg/m3	60	30	31	35	35	39	35
	Oxides of Sulphur as SO2	µg/m3	80	15	15	21	25	25	21
	Oxides of Nitrogen as NO2	µg/m3	80	26	21	27	33	36	33
	Hydrogen Chloride (HCl)	µg/m3	200	BDL	BDL	BDL	BDL	BDL	BDL
	Chlorine (Cl2)	µg/m3	100	BDL	BDL	BDL	BDL	BDL	BDL
	Ozone	µg/m3	100	20	-	-	19	-	-
	Lead	µg/m3	1	BDL	-	-	BDL	-	-
	CO	µg/m3	2	1.3	-	-	1.5	-	-
	Ammonia	µg/m3	400	44	-	-	49	-	-
	Benzene	µg/m3	5	BDL	-	-	BDL	-	-
	Benzo(a)Pyrene	ng/m3	1	BDL	-	-	BDL	-	-
	Arsenic	ng/m3	6	BDL	-	-	BDL	-	-
Nickel	ng/m3	20	BDL	-	-	BDL	-	-	
Near DEZ ART boundary wall	Particulate Matter ( PM 10)	µg/m3	100	67	62	70	60	76	70
	Particulate Matter ( PM 2.5)	µg/m3	60	23	21	25	19	24	22
	Oxides of Sulphur as SO2	µg/m3	80	15	18	16	10	13	12
	Oxides of Nitrogen as NO2	µg/m3	80	21	22	22	18	25	21
	Hydrogen Chloride (HCl)	µg/m3	200	BDL	BDL	BDL	BDL	BDL	BDL
	Chlorine (Cl2)	µg/m3	100	BDL	BDL	BDL	BDL	BDL	BDL
	Ozone	µg/m3	100	16	-	-	15	-	-
	Lead	µg/m3	1	BDL	-	-	BDL	-	-
	CO	µg/m3	2	0.6	-	-	0.6	-	-
	Ammonia	µg/m3	400	25	-	-	21	-	-
	Benzene	µg/m3	5	BDL	-	-	BDL	-	-
	Benzo(a)Pyrene	ng/m3	1	BDL	-	-	BDL	-	-
	Arsenic	ng/m3	6	BDL	-	-	BDL	-	-
Nickel	ng/m3	20	BDL	-	-	BDL	-	-	
Plot No: 206, Near Tote storage area	Particulate Matter ( PM 10)	µg/m3	100	63	58	63	72	58	52
	Particulate Matter ( PM 2.5)	µg/m3	60	25	19	18	26	15	16
	Oxides of Sulphur as SO2	µg/m3	80	16	10	12	21	13	10
	Oxides of Nitrogen as NO2	µg/m3	80	23	20	20	28	22	19
	Hydrogen Chloride (HCl)	µg/m3	200	BDL	BDL	BDL	BDL	BDL	BDL
	Chlorine (Cl2)	µg/m3	100	BDL	BDL	BDL	BDL	BDL	BDL
	Ozone	µg/m3	100	18	-	-	19	-	-
	Lead	µg/m3	1	BDL	-	-	BDL	-	-
	CO	µg/m3	2	0.9	-	-	0.8	-	-
	Ammonia	µg/m3	400	31	-	-	38	-	-
	Benzene	µg/m3	5	BDL	-	-	BDL	-	-
	Benzo(a)Pyrene	ng/m3	1	BDL	-	-	BDL	-	-
	Arsenic	ng/m3	6	BDL	-	-	BDL	-	-
Nickel	ng/m3	20	BDL	-	-	BDL	-	-	
New Plot area	Particulate Matter ( PM 10)	µg/m3	100	59	66	60	63	55	66
	Particulate Matter ( PM 2.5)	µg/m3	60	16	20	18	25	15	19
	Oxides of Sulphur as SO2	µg/m3	80	12	14	10	13	8	11
	Oxides of Nitrogen as NO2	µg/m3	80	14	19	19	19	17	19
	Hydrogen Chloride (HCl)	µg/m3	200	BDL	BDL	BDL	BDL	BDL	BDL
	Chlorine (Cl2)	µg/m3	100	BDL	BDL	BDL	BDL	BDL	BDL
	Ozone	µg/m3	100	13	-	-	11	-	-
	Lead	µg/m3	1	BDL	-	-	BDL	-	-
	CO	µg/m3	2	0.7	-	-	0.9	-	-
	Ammonia	µg/m3	400	20	-	-	25	-	-
	Benzene	µg/m3	5	BDL	-	-	BDL	-	-
	Benzo(a)Pyrene	ng/m3	1	BDL	-	-	BDL	-	-
	Arsenic	ng/m3	6	BDL	-	-	BDL	-	-
Nickel	ng/m3	20	BDL	-	-	BDL	-	-	

**Note :**

BDL : Below Detectable Limit

Monitoring by Siddhi Green Excellence Pvt Ltd.( NABL Approved lab)