

TABLE-A
 AMBIENT AIR QUALITY RESULTS
 MONITORING STATION: BASUBEVPUR

Annexure-IIa

SL.	DATE	Pollutant's Concentration											
		PM ₁₀ μg/m ³	PM _{2.5} μg/m ³	SO ₂ μg/m ³	NO ₂ μg/m ³	Ozone (O ₃) μg/m ³	Lead (Pb) μg/m ³	CO mg/m ³	Ammonia (NH ₃) μg/m ³	Benzene (C ₆ H ₆) μg/m ³	Benzo(a)Pyrene (BaP) ng/m ³	Arsenic (As) ng/m ³	Nickel (Ni) ng/m ³
1	11.2-12.2.2019	242.8	132.2	8.5	38.2			0.67					
2	14.2-15.2.2019	114.6	68.1	7.8	33.6			0.74					
3	17.2-18.2.2019	124	71	12.1	49.2			0.95					
4	21.2-22.2.2019	82	38	9.5	40.8			0.73					
5	24.2-25.2.2019	89.4	46.7	7.2	32.3			0.52					
6	28.2-29.2.2019	65.3	37.4	6.7	31.8			0.52					
7	3.3-4.3.2019	84.6	46.2	6.5	28.6			0.52					
8	5.3-6.3.2019	61.8	34.3	6.8	31.6	28.4	0.21	0.73	19.4	<4.2	<0.5	<1.0	8
9	7.3-8.3.2019	74.6	44.1	6.5	34.7			0.48					
10	10.3-11.3.2019	63.8	40.5	6.8	31.7			0.56					
11	14.3-15.3.2019	78.3	53.5	6.5	34.7			0.58					
12	17.3-18.3.2019	58.7	32.4	6.5	28.7			0.56					
13	21.3-22.3.2019	67.6	35.4	7.2	34.8			0.67					
14	24.3-25.3.2019	61.6	36.7	6.5	24.7			0.58					
15	27.3-28.3.2019	76.5	39.9	7	28.6			0.63					
16	30.3-31.3.2019	62.8	35.3	6.4	25.8			0.48					
AVERAGE		88.03	49.48	7.4063	47.625	28.4	0.21	0.62	19.4	<4.2	<0.5	<1.0	8
Limit as per CPCB		100	60	80	80	180	1	2	400	5	1	6	20

TABLE-B
 AMBIENT AIR QUALITY RESULTS
 MONITORING STATION: PRIYNAGBADA

SL.	DATE	Pollutant's Concentration											
		PM ₁₀ µg/m ³	PM _{2.5} µg/m ³	SO ₂ µg/m ³	NO ₂ µg/m ³	Ozone (O ₃) µg/m ³	Lead (Pb) µg/m ³	CO mg/m ³	Ammonia (NH ₃) µg/m ³	Benzene (C ₆ H ₆) µg/m ³	Benzo(a)Pyrene (BaP) ng/m ³	Arsenic (As) ng/m ³	Nickel (Ni) ng/m ³
1	11.2-12.2.2019	251.7	116.2	7.5	39.4			0.71					
2	14.2-15.2.2019	151.3	79.2	8.2	36.9			0.55					
3	17.2-18.2.2019	83	53	8.9	34.8			0.69					
4	21.2-22.2.2019	95	57	10.2	43.7			0.81					
5	24.2-25.2.2019	77.7	42.6	7.8	35.6			0.76					
6	28.2-29.2.2019	64.7	35.8	6.8	32.7			0.67					
7	3.3-4.3.2019	87	38.8	7.8	34.4			0.87					
8	5.3-6.3.2019	63.8	36.4	6.5	30.7	26.6	0.1	0.68	18.5	<4.2	<0.5	<1.0	5.1
9	7.3-8.3.2019	90	49.4	6.8	37.2			0.62					
10	10.3-11.3.2019	81.6	58.3	7.8	35.7			0.65					
11	14.3-15.3.2019	64.6	33.7	6.9	32.7			0.57					
12	17.3-18.3.2019	76.3	35.7	7.5	36.2			0.78					
13	21.3-22.3.2019	67.7	41.2	6.8	32.7			0.65					
14	24.3-25.3.2019	62.5	36.2	6.3	25.4			0.67					
15	27.3-28.3.2019	72.1	43.8	7.5	34.8			0.75					
16	30.3-31.3.2019	58.6	31.8	6.7	31.3			0.53					
AVERAGE		90.48	49.32	7.50	34.64	26.6	0.1	0.69	18.5	<4.2	<0.5	<1.0	5.1
Limit as per CPCB		100	60	80	80	180	1	2	400	5	1	6	20

TABLE-C
 AMBIENT AIR QUALITY RESULTS
 MONITORING STATION:FACTORY MAIN GATE (MCPI PLANT)

SL.	DATE	Pollutant's Concentration											
		PM ₁₀ $\mu\text{g}/\text{m}^3$	PM _{2.5} $\mu\text{g}/\text{m}^3$	SO ₂ $\mu\text{g}/\text{m}^3$	NO ₂ $\mu\text{g}/\text{m}^3$	Ozone (O ₃) $\mu\text{g}/\text{m}^3$	Lead (Pb) $\mu\text{g}/\text{m}^3$	CO mg/m ³	Ammonia (NH ₃) $\mu\text{g}/\text{m}^3$	Benzene (C ₆ H ₆) $\mu\text{g}/\text{m}^3$	Benzo(a)Pyrene (BaP) ng/m ³	Arsenic (As) ng/m ³	Nickel (Ni) ng/m ³
1	11.2-12.2.2019	154.10	82.5	9.5	37.2			0.87					
2	14.2-15.2.2019	151.10	71.2	8.1	39.1			0.64					
3	17.2-18.2.2019	88.00	52	8.1	38.3			0.71					
4	21.2.22.2.2019	72.00	34	7.4	31.7			0.59					
5	24.2-25.2.2019	98.60	57.2	11.8	38.7			0.97					
6	28.2-01.3.2019	94.10	56.8	10.8	41.6			0.98					
7	3.3-4.3.2019	87.50	49.3	9.8	38.4			0.97					
8	5.3-6.3.2019	90.00	50	7.8	41.6	38.7	0.25	0.92	22.5	<4.2	<0.5	<1.0	<5.0
9	7.3-8.3.2019	84.00	52.2	8.9	41.6			0.98					
10	10.3-11.3.2019	78.00	42	8.2	36.7			0.78					
11	14.3-15.3.2019	89.60	58.5	7.8	40.2			0.96					
12	17.3-18.3.2019	89.60	48.7	9.3	42.8			0.98					
13	21.3-22.3.2019	78.30	33.4	8.5	37.4			0.74					
14	24.3-25.3.2019	77.20	44.2	7.8	32.7			0.76					
15	27.3-28.3.2019	88.20	54.7	8.2	38.5			0.86					
16	30.3-31.3.2019	78.00	37.5	7.4	36.3			0.65					
AVERAGE		93.64	51.51	8.71	38.30	38.7	0.25	0.84	22.5	<4.2	<0.5	<1.0	<5.0
Limit as per CPCB		100	60	80	80	180	1	2	400	5	1	6	20

TABLE-D
 AMBIENT AIR QUALITY RESULTS
 MONITORING STATION:RAMNAGAR

SL.	DATE	Pollutant's Concentration											
		PM ₁₀ µg/m ³	PM _{2.5} µg/m ³	SO ₂ µg/m ³	NO ₂ µg/m ³	Ozone (O ₃) µg/m ³	Lead (Pb) µg/m ³	CO mg/m ³	Ammonia (NH ₃) µg/m ³	Benzene (C ₆ H ₆) µg/m ³	Benzo(a)Pyrene (BaP) ng/m ³	Arsenic (As) ng/m ³	Nickel (Ni) ng/m ³
1	12.2-13.2.2019	132.20	66.40	8.40	29.6			0.54					
2	15.2-16.2.2019	86.90	37.50	7.20	30.2			0.48					
3	18.2-19.2.2019	80.00	43.00	9.20	35.2			0.74					
4	22.2-23.2.2019	93.00	54.00	8.40	43.4			0.83					
5	25.2-26.2.2019	71.40	42.30	6.70	28.5			0.67					
6	1.3-2.3.2019	95.60	58.40	7.80	39.2			0.87					
7	4.3-5.3.2019	79.20	32.90	7.80	38.5			0.67					
8	8.3-9.3.2019	69.30	36.70	7.30	38.5			0.65					
9	11.3-12.3.2019	64.00	42.60	6.60	28.9			0.52					
10	13.3-14.3.2019	86.80	52.30	8.20	47.7	36.7	0.02	0.89	22.6	<4.2	<0.5	<1.0	12.53
11	15.3-16.3.2019	65.80	34.00	6.80	36.8			0.67					
12	18.3-19.3.2019	68.70	37.40	6.90	35.4			0.68					
13	22.3-23.3.2019	71.80	43.50	7.40	40.5			0.76					
14	25.3-26.3.2019	63.50	38.20	6.70	27.3			0.57					
15	28.3-29.3.2019	72.80	37.20	7.20	31.5			0.65					
16	31.3-1.4.2019	65.90	36.10	6.50	34.6			0.67					
AVERAGE		79.18	43.28	7.44	35.36	36.7	0.02	0.7	22.6	<4.2	<0.5	<1.0	12.53
Limit as per CPCB		100	60	80	80	180	1	2	400	5	1	6	20

TABLE-E
 AMBIENT AIR QUALITY RESULTS
 MONITORING STATION:- RAGHUNATHCHAK

SL.	DATE	Pollutant's Concentration											
		PM ₁₀ µg/m ³	PM _{2.5} µg/m ³	SO ₂ µg/m ³	NO ₂ µg/m ³	Ozone (O ₃) µg/m ³	Lead (Pb) µg/m ³	CO mg/m ³	Ammonia (NH ₃) µg/m ³	Benzene (C ₆ H ₆) µg/m ³	Benzo(a)Pyrene (BaP) ng/m ³	Arsenic (As) ng/m ³	Nickel (Ni) ng/m ³
1	12.2-13.2.2019	172.1	92.2	8.3	37.5			0.87					
2	15.2-16.2.2019	292.9	105.8	9.2	39.1			0.67					
3	18.2-19.2.2019	82	47	7.6	37.2			0.65					
4	22.3-23.3.2019	96	53	8.9	42.7			0.74					
5	25.3-26.3.2019	93.6	58.5	8.5	36.6			0.87					
6	1.3-2.3.2019	87.3	48.1	7.4	34.8			0.68					
7	4.3-5.3.2019	71.8	39.6	6.70	25.2			0.63					
8	8.3-9.3.2019	71	47.9	7.6	35.8			0.67					
9	11.3-12.3.2019	72.6	43.2	7.3	33.5			0.57					
10	13.3-14.3.2019	79.6	40.5	7.3	38.9	27.5	0.03	0.75	18.7	<4.2	<0.5	<1.0	14.15
11	15.3-16.3.2019	72	51.1	7.8	37.6			0.86					
12	18.3-19.3.2019	75.6	43.8	7.6	41.2			0.84					
13	22.3-23.3.2019	69.9	40.4	6.7	32.6			0.65					
14	25.3-26.3.2019	78.5	46.4	7.4	36.7			0.72					
15	28.3-29.3.2019	62.5	34.4	6.6	27.5			0.56					
16	31.3-1.4.2019	61.2	32.4	6.5	25.3			0.56					
AVERAGE		96.16	51.52	7.59	35.14	27.5	0.03	0.71	18.7	<4.2	<0.5	<1.0	14.15
Limit as per CPCB		100	60	80	80	180	1	2	400	5	1	6	20

TABLE-F
 AMBIENT AIR QUALITY RESULTS
 MONITORING STATION:- RIVER SIDE

SL.	DATE	Pollutant's Concentration											
		PM ₁₀ µg/m ³	PM _{2.5} µg/m ³	SO ₂ µg/m ³	NO ₂ µg/m ³	Ozone (O ₃) µg/m ³	Lead (Pb) µg/m ³	CO mg/m ³	Ammonia (NH ₃) µg/m ³	Benzene (C ₆ H ₆) µg/m ³	Benzo(a)Pyrene (BaP) ng/m ³	Arsenic (As) ng/m ³	Nickel (Ni) ng/m ³
1	12.2-13.2.2019	97.5	58.2	9.3	30.2			0.42					
2	15.2-16.2.2019	148.4	78.2	6.9	35.2			0.64					
3	18.2-19.2.2019	65	31	7.3	27.5			0.43					
4	22.2-23.2.2019	56	24	6.7	23.4			0.31					
5	25.2-26.2.2019	72.7	46.3	6.3	24.6			0.35					
6	1.3-2.3.2019	74.3	40.2	6.3	23.7			0.42					
7	4.3-5.3.2019	63.3	38.8	6.2	22.2			0.32					
8	8.3-9.3.2019	48.2	29.8	6.2	23.6			0.38					
9	11.3-12.3.2019	63.7	39.7	6.2	25.3			0.48					
10	13.3-14.3.2019	64.9	34.7	6.2	26.3	25.3	0.02	0.46	25.3	<4.2	<0.5	<1.0	8.65
11	15.3-16.3.2019	64.4	31.6	6.3	32.5			0.42					
12	18.3-19.3.2019	69.8	29.5	6.5	25.4			0.57					
13	22.3-23.3.2019	63	33.4	6.2	23.7			0.48					
14	25.3-26.3.2019	53.5	23.7	6.2	21.7			0.35					
15	28.3-29.3.2019	63.7	35.6	6.8	22.7			0.37					
16	31.3-1.4.2019	59.2	31.9	6.2	23.8			0.47					
AVERAGE		70.48	37.91	6.61	25.74	25.3	0.02	0.43	25.3	<4.2	<0.5	<1.0	8.65
Limit as per CPCB		100	60	80	80	180	1	2	400	5	1	6	20