

Envirofotech East Pvt. Limited

An ISO 9001:2008, 14001:2004 & OHSAS:18001:2007 Company

Laboratory Recognised by Ministry of Environment & Forests, Govt. of India

Bengal Ambuja Commercial Complex,

UN-F 13, 1050/1, Survey Park, Kolkata – 700 075

☎ – 2418 8127/8128/8601; Fax – 2418 8128; email: eeplkol@gmail.com

Annexure - I

ONSITE AMBIENT AIR QUALITY MONITORING RESULTS (PERIOD: OCTOBER, 2013 TO MARCH, 2014)

MONTH: OCTOBER, 2013

(A) LOCATION: PROJECT SITE (MAIN GATE)								
Date	Unit	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	Benzene	Toluene	Xylene
04.10.2013	(µg/m ³)	72	32	8	22	0.16	0.24	0.18
07.10.2013	(µg/m ³)	54	22	5	18	0.32	0.23	0.39
10.10.2013	(µg/m ³)	59	25	6	23	0.26	N.D.	N.D.
14.10.2013	(µg/m ³)	53	21	8	15	0.32	0.14	0.24
18.10.2013	(µg/m ³)	78	36	7	21	N.D.	N.D.	N.D.
21.10.2013	(µg/m ³)	66	28	5	17	0.13	N.D.	N.D.
25.10.2013	(µg/m ³)	56	23	9	20	0.43	N.D.	N.D.
28.10.2013	(µg/m ³)	71	30	11	15	0.28	0.23	0.31
(B) LOCATION: ABHIRAMPUR								
Date	Unit	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	Benzene	Toluene	Xylene
04.10.2013	(µg/m ³)	55	23	6	17	0.11	0.17	0.15
07.10.2013	(µg/m ³)	47	18	7	23	N.D.	N.D.	N.D.
10.10.2013	(µg/m ³)	59	25	5	16	N.D.	N.D.	N.D.
14.10.2013	(µg/m ³)	60	26	6	21	N.D.	N.D.	N.D.
18.10.2013	(µg/m ³)	51	21	8	17	N.D.	N.D.	N.D.
21.10.2013	(µg/m ³)	64	29	7	20	N.D.	N.D.	N.D.
25.10.2013	(µg/m ³)	47	18	10	22	0.26	N.D.	N.D.
28.10.2013	(µg/m ³)	63	27	8	18	0.16	0.12	0.16

For ENVIROTECH EAST (P) LIMITED

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(C) LOCATION: AMTA								
Date	Unit	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	Benzene	Toluene	Xylene
04.10.2013	(µg/m ³)	52	21	4	21	N.D.	N.D.	N.D.
07.10.2013	(µg/m ³)	56	24	6	17	0.27	0.13	0.11
10.10.2013	(µg/m ³)	60	25	4	22	0.19	N.D.	N.D.
14.10.2013	(µg/m ³)	54	22	8	18	N.D.	N.D.	N.D.
18.10.2013	(µg/m ³)	58	25	5	16	0.13	N.D.	N.D.
21.10.2013	(µg/m ³)	51	21	7	21	N.D.	N.D.	N.D.
25.10.2013	(µg/m ³)	60	26	4	18	0.12	0.10	0.17
28.10.2013	(µg/m ³)	47	19	6	29	N.D.	N.D.	N.D.
(D) LOCATION: SERPUR								
Date	Unit	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	Benzene	Toluene	Xylene
04.10.2013	(µg/m ³)	47	18	5	16	0.12	N.D.	N.D.
07.10.2013	(µg/m ³)	60	26	8	26	0.22	N.D.	0.14
10.10.2013	(µg/m ³)	52	21	7	14	N.D.	0.17	N.D.
14.10.2013	(µg/m ³)	58	24	4	17	0.18	N.D.	N.D.
18.10.2013	(µg/m ³)	62	27	5	30	N.D.	0.16	0.19
21.10.2013	(µg/m ³)	48	21	7	22	N.D.	N.D.	N.D.
25.10.2013	(µg/m ³)	53	24	6	18	0.32	N.D.	N.D.
28.10.2013	(µg/m ³)	49	20	4	14	0.27	0.19	0.11

N.D. : Not detected

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MONTH: NOVEMBER, 2013

(A) LOCATION: PROJECT SITE (MAIN GATE)								
Date	Unit	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	Benzene	Toluene	Xylene
01.11.2013	(µg/m ³)	80	34	9	21	0.16	0.13	0.21
05.11.2013	(µg/m ³)	92	40	10	29	0.23	0.12	0.26
08.11.2013	(µg/m ³)	58	24	14	26	0.11	N.D.	0.16
11.11.2013	(µg/m ³)	68	29	11	39	0.14	0.17	0.23
15.11.2013	(µg/m ³)	55	23	9	30	0.29	N.D.	N.D.
18.11.2013	(µg/m ³)	65	27	7	40	0.22	N.D.	0.14
22.11.2013	(µg/m ³)	73	32	12	43	N.D.	N.D.	N.D.
25.11.2013	(µg/m ³)	50	23	9	28	N.D.	N.D.	N.D.

(B) LOCATION: ABHIRAMPUR								
Date	Unit	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	Benzene	Toluene	Xylene
01.11.2013	(µg/m ³)	76	33	9	24	0.19	N.D.	0.16
05.11.2013	(µg/m ³)	67	30	11	21	0.11	N.D.	N.D.
08.11.2013	(µg/m ³)	88	40	8	28	0.21	0.13	0.12
11.11.2013	(µg/m ³)	72	32	10	32	0.15	N.D.	N.D.
15.11.2013	(µg/m ³)	79	34	6	41	0.26	N.D.	N.D.
18.11.2013	(µg/m ³)	103	47	7	35	0.16	0.13	0.18
22.11.2013	(µg/m ³)	92	41	10	40	0.12	N.D.	N.D.
25.11.2013	(µg/m ³)	81	32	9	30	0.15	N.D.	N.D.

(C) LOCATION: AMTA

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Date	Unit	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	Benzene	Toluene	Xylene
03.11.2013	(µg/m ³)	53	22	7	26	0.14	N.D.	0.12
06.11.2013	(µg/m ³)	46	18	12	23	N.D.	N.D.	N.D.
10.11.2013	(µg/m ³)	61	26	8	20	N.D.	N.D.	N.D.
13.11.2013	(µg/m ³)	57	23	10	30	N.D.	N.D.	N.D.
17.11.2013	(µg/m ³)	70	32	11	21	N.D.	N.D.	N.D.
20.11.2013	(µg/m ³)	81	36	9	28	0.21	0.13	0.18
24.11.2013	(µg/m ³)	66	28	8	20	N.D.	N.D.	N.D.
27.11.2013	(µg/m ³)	84	38	12	25	0.16	0.19	0.13
(D) LOCATION: SERPUR								
Date	Unit	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	Benzene	Toluene	Xylene
03.11.2013	(µg/m ³)	55	24	11	23	N.D.	N.D.	N.D.
06.11.2013	(µg/m ³)	42	16	8	18	N.D.	N.D.	N.D.
10.11.2013	(µg/m ³)	57	23	6	27	N.D.	N.D.	N.D.
13.11.2013	(µg/m ³)	74	34	7	39	0.23	0.16	0.13
17.11.2013	(µg/m ³)	59	24	9	23	N.D.	N.D.	N.D.
20.11.2013	(µg/m ³)	68	30	6	35	0.16	0.11	0.15
24.11.2013	(µg/m ³)	43	18	10	41	N.D.	N.D.	N.D.
27.11.2013	(µg/m ³)	72	33	7	19	0.12	N.D.	N.D.

N.D. : Not detected

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MONTH: DECEMBER, 2013

(A) LOCATION: PROJECT SITE (MAIN GATE)								
Date	Unit	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	Benzene	Toluene	Xylene
01.12.2013	(µg/m ³)	72	30	11	37	0.18	N.D.	0.14
05.12.2013	(µg/m ³)	67	26	16	27	0.16	0.14	0.11
08.12.2013	(µg/m ³)	99	45	9	36	0.34	0.17	0.19
11.12.2013	(µg/m ³)	78	34	12	44	0.13	N.D.	0.15
15.12.2013	(µg/m ³)	95	40	9	26	N.D.	0.15	0.13
19.12.2013	(µg/m ³)	64	28	10	32	0.16	N.D.	0.17
22.12.2013	(µg/m ³)	59	25	6	36	N.D.	N.D.	N.D.
26.12.2013	(µg/m ³)	87	39	11	28	0.12	N.D.	0.14
(B) LOCATION: ABHIRAMPUR								
Date	Unit	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	Benzene	Toluene	Xylene
01.12.2013	(µg/m ³)	66	28	15	26	0.18	0.12	0.15
05.12.2013	(µg/m ³)	76	33	8	38	0.15	N.D.	N.D.
08.12.2013	(µg/m ³)	70	28	12	30	0.11	N.D.	N.D.
11.12.2013	(µg/m ³)	88	40	10	39	N.D.	N.D.	N.D.
15.12.2013	(µg/m ³)	94	41	14	36	0.21	N.D.	N.D.
19.12.2013	(µg/m ³)	70	30	9	31	0.17	0.12	0.16
22.12.2013	(µg/m ³)	82	37	13	28	0.26	0.21	0.15
26.12.2013	(µg/m ³)	64	27	10	42	N.D.	N.D.	N.D.

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(C) LOCATION: AMTA								
Date	Unit	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	Benzene	Toluene	Xylene
03.12.2013	(µg/m ³)	76	33	9	23	0.15	N.D.	0.11
06.12.2013	(µg/m ³)	87	40	11	34	0.11	0.17	0.13
10.12.2013	(µg/m ³)	90	41	10	27	N.D.	N.D.	N.D.
13.12.2013	(µg/m ³)	68	29	8	25	N.D.	N.D.	N.D.
18.12.2013	(µg/m ³)	83	36	14	28	0.13	N.D.	N.D.
22.12.2013	(µg/m ³)	79	35	8	19	N.D.	N.D.	N.D.
25.12.2013	(µg/m ³)	96	43	11	23	N.D.	N.D.	N.D.
29.12.2013	(µg/m ³)	70	30	16	27	N.D.	N.D.	N.D.
(D) LOCATION: SERPUR								
Date	Unit	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	Benzene	Toluene	Xylene
03.12.2013	(µg/m ³)	62	28	7	22	N.D.	N.D.	N.D.
06.12.2013	(µg/m ³)	80	36	16	35	0.14	0.17	0.15
10.12.2013	(µg/m ³)	73	31	9	40	N.D.	N.D.	N.D.
13.12.2013	(µg/m ³)	58	24	11	29	N.D.	N.D.	N.D.
18.12.2013	(µg/m ³)	47	18	8	42	N.D.	N.D.	N.D.
22.12.2013	(µg/m ³)	70	31	12	32	0.16	N.D.	0.13
25.12.2013	(µg/m ³)	86	40	7	24	0.19	0.13	0.11
29.12.2013	(µg/m ³)	77	35	8	37	0.14	N.D.	N.D.

N.D. : Not detected

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MONTH: JANUARY, 2014

(A) LOCATION: PROJECT SITE (MAIN GATE)								
Date	Unit	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	Benzene	Toluene	Xylene
01.01.2014	(µg/m ³)	73	32	12	31	0.26	N.D.	0.12
06.01.2014	(µg/m ³)	62	25	11	40	0.17	N.D.	0.19
09.01.2014	(µg/m ³)	95	41	15	48	0.18	0.15	0.16
13.01.2014	(µg/m ³)	70	30	10	37	0.12	N.D.	0.17
16.01.2014	(µg/m ³)	90	40	12	32	0.18	N.D.	0.17
20.01.2014	(µg/m ³)	60	25	8	40	N.D.	N.D.	N.D.
24.01.2014	(µg/m ³)	76	34	13	28	N.D.	N.D.	N.D.
27.01.2014	(µg/m ³)	103	46	9	35	0.16	0.13	0.18
(B) LOCATION: ABHIRAMPUR								
Date	Unit	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	Benzene	Toluene	Xylene
01.01.2014	(µg/m ³)	71	32	13	45	N.D.	N.D.	N.D.
06.01.2014	(µg/m ³)	60	25	8	39	N.D.	N.D.	N.D.
09.01.2014	(µg/m ³)	81	36	10	37	N.D.	N.D.	N.D.
13.01.2014	(µg/m ³)	98	44	12	33	0.28	0.17	0.13
16.01.2014	(µg/m ³)	62	26	18	25	N.D.	N.D.	N.D.
20.01.2014	(µg/m ³)	78	35	15	29	N.D.	N.D.	N.D.
24.01.2014	(µg/m ³)	88	39	11	42	0.16	0.17	0.19
27.01.2014	(µg/m ³)	74	32	12	37	N.D.	N.D.	N.D.

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(C) LOCATION: AMTA								
Date	Unit	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	Benzene	Toluene	Xylene
01.01.2014	(µg/m ³)	82	34	12	36	0.23	N.D.	N.D.
06.01.2014	(µg/m ³)	71	31	9	50	0.17	N.D.	N.D.
09.01.2014	(µg/m ³)	68	29	13	35	N.D.	0.11	N.D.
13.01.2014	(µg/m ³)	91	42	19	28	0.21	N.D.	0.15
16.01.2014	(µg/m ³)	84	38	15	34	0.15	N.D.	N.D.
20.01.2014	(µg/m ³)	95	43	18	42	0.24	0.15	0.14
24.01.2014	(µg/m ³)	76	33	14	39	0.13	N.D.	N.D.
27.01.2014	(µg/m ³)	94	39	16	45	0.19	0.17	0.12
(D) LOCATION: SERPUR								
Date	Unit	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	Benzene	Toluene	Xylene
01.01.2014	(µg/m ³)	64	28	16	32	N.D.	N.D.	N.D.
06.01.2014	(µg/m ³)	90	40	7	26	0.19	0.12	0.11
09.01.2014	(µg/m ³)	79	35	12	33	N.D.	N.D.	N.D.
13.01.2014	(µg/m ³)	55	24	11	23	N.D.	N.D.	N.D.
16.01.2014	(µg/m ³)	86	40	9	30	N.D.	N.D.	N.D.
20.01.2014	(µg/m ³)	63	26	14	37	0.16	N.D.	0.12
24.01.2014	(µg/m ³)	88	39	10	42	0.12	0.1	N.D.
27.01.2014	(µg/m ³)	59	23	13	27	0.13	N.D.	N.D.

N.D. : Not detected

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MONTH: FEBRUARY, 2014

(A) LOCATION: PROJECT SITE (MAIN GATE)								
Date	Unit	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	Benzene	Toluene	Xylene
03.02.2014	(µg/m ³)	80	34	14	33	0.14	0.15	0.27
06.02.2014	(µg/m ³)	69	27	8	41	0.16	N.D.	0.21
10.02.2014	(µg/m ³)	55	22	10	29	0.12	N.D.	N.D.
13.02.2014	(µg/m ³)	62	26	7	26	0.15	N.D.	0.13
17.02.2014	(µg/m ³)	72	30	10	34	0.27	0.22	0.32
20.02.2014	(µg/m ³)	58	25	9	31	N.D.	N.D.	N.D.
24.02.2014	(µg/m ³)	75	32	7	27	0.18	N.D.	0.14
27.02.2014	(µg/m ³)	69	28	6	28	0.11	N.D.	0.16
(B) LOCATION: ABHIRAMPUR								
Date	Unit	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	Benzene	Toluene	Xylene
03.02.2014	(µg/m ³)	52	21	8	22	0.13	N.D.	N.D.
06.02.2014	(µg/m ³)	79	33	10	36	0.11	0.13	N.D.
10.02.2014	(µg/m ³)	83	35	12	25	0.17	N.D.	0.19
13.02.2014	(µg/m ³)	67	27	9	43	0.16	0.10	0.16
17.02.2014	(µg/m ³)	83	35	11	32	0.13	N.D.	N.D.
20.02.2014	(µg/m ³)	70	29	12	28	0.17	N.D.	0.12
24.02.2014	(µg/m ³)	76	33	9	21	0.18	N.D.	N.D.
27.02.2014	(µg/m ³)	64	27	7	19	0.12	N.D.	0.11
(C) LOCATION: AMTA								
Date	Unit	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	Benzene	Toluene	Xylene

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03.02.2014	($\mu\text{g}/\text{m}^3$)	71	28	11	22	0.13	N.D.	N.D.
06.02.2014	($\mu\text{g}/\text{m}^3$)	62	27	15	29	0.12	N.D.	N.D.
10.02.2014	($\mu\text{g}/\text{m}^3$)	83	39	10	18	0.16	0.15	0.11
13.02.2014	($\mu\text{g}/\text{m}^3$)	86	40	11	20	N.D.	N.D.	N.D.
17.02.2014	($\mu\text{g}/\text{m}^3$)	90	38	7	19	0.18	0.14	0.12
20.02.2014	($\mu\text{g}/\text{m}^3$)	72	32	8	20	0.14	N.D.	N.D.
24.02.2014	($\mu\text{g}/\text{m}^3$)	68	29	10	23	0.12	N.D.	N.D.
27.02.2014	($\mu\text{g}/\text{m}^3$)	55	25	9	26	N.D.	N.D.	N.D.
(D) LOCATION: SERPUR								
Date	Unit	PM₁₀	PM_{2.5}	SO₂	NO₂	Benzene	Toluene	Xylene
03.02.2014	($\mu\text{g}/\text{m}^3$)	48	18	7	39	N.D.	N.D.	N.D.
06.02.2014	($\mu\text{g}/\text{m}^3$)	66	29	9	23	0.11	N.D.	0.19
10.02.2014	($\mu\text{g}/\text{m}^3$)	53	21	6	30	N.D.	N.D.	N.D.
13.02.2014	($\mu\text{g}/\text{m}^3$)	78	37	10	35	0.19	0.14	0.12
17.02.2014	($\mu\text{g}/\text{m}^3$)	68	29	9	43	0.12	N.D.	N.D.
20.02.2014	($\mu\text{g}/\text{m}^3$)	79	36	8	30	0.26	0.19	0.15
24.02.2014	($\mu\text{g}/\text{m}^3$)	53	20	6	22	N.D.	N.D.	N.D.
27.02.2014	($\mu\text{g}/\text{m}^3$)	72	32	8	16	0.19	0.16	N.D.

N.D. : Not detected

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Annexure - I

MONTH: MARCH, 2014

(A) LOCATION: PROJECT SITE (MAIN GATE)								
Date	Unit	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	Benzene	Toluene	Xylene
03.03.2014	(µg/m ³)	73	31	10	32	0.18	0.17	0.19
06.03.2014	(µg/m ³)	70	30	7	25	0.16	0.12	0.17
10.03.2014	(µg/m ³)	49	20	9	19	N.D.	N.D.	N.D.
13.03.2014	(µg/m ³)	53	22	6	28	N.D.	N.D.	N.D.
17.03.2014	(µg/m ³)	77	33	11	24	0.18	0.11	0.16
20.03.2014	(µg/m ³)	68	30	8	23	0.17	N.D.	0.12
24.03.2014	(µg/m ³)	57	22	12	20	N.D.	N.D.	N.D.
27.03.2014	(µg/m ³)	66	28	6	35	0.13	N.D.	0.12
(B) LOCATION: ABHIRAMPUR								
Date	Unit	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	Benzene	Toluene	Xylene
03.03.2014	(µg/m ³)	71	32	11	29	0.17	0.12	0.11
06.03.2014	(µg/m ³)	68	29	6	33	N.D.	N.D.	N.D.
10.03.2014	(µg/m ³)	62	27	9	38	N.D.	N.D.	N.D.
13.03.2014	(µg/m ³)	80	33	8	27	0.17	0.15	0.12
17.03.2014	(µg/m ³)	59	24	7	41	N.D.	N.D.	N.D.
20.03.2014	(µg/m ³)	75	32	10	30	0.19	0.18	0.12
24.03.2014	(µg/m ³)	66	28	8	18	0.16	N.D.	N.D.
27.03.2014	(µg/m ³)	71	29	6	22	0.15	0.16	0.13

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(C) LOCATION: AMTA								
Date	Unit	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	Benzene	Toluene	Xylene
03.03.2014	(µg/m ³)	80	33	7	22	0.16	0.15	0.12
06.03.2014	(µg/m ³)	75	32	14	31	0.17	0.16	0.18
10.03.2014	(µg/m ³)	65	24	8	20	0.13	N.D.	N.D.
13.03.2014	(µg/m ³)	57	23	10	36	N.D.	N.D.	N.D.
17.03.2014	(µg/m ³)	50	23	5	21	N.D.	N.D.	N.D.
20.03.2014	(µg/m ³)	74	30	9	31	0.13	0.11	0.1
24.03.2014	(µg/m ³)	64	28	6	23	N.D.	N.D.	N.D.
27.03.2014	(µg/m ³)	58	25	10	19	N.D.	N.D.	N.D.
(D) LOCATION: SERPUR								
Date	Unit	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	Benzene	Toluene	Xylene
03.03.2014	(µg/m ³)	60	26	7	25	0.17	N.D.	N.D.
06.03.2014	(µg/m ³)	84	39	10	24	0.16	0.11	0.14
10.03.2014	(µg/m ³)	55	21	9	20	N.D.	N.D.	N.D.
13.03.2014	(µg/m ³)	64	28	11	38	0.18	0.15	0.12
17.03.2014	(µg/m ³)	47	17	8	28	N.D.	N.D.	N.D.
20.03.2014	(µg/m ³)	60	24	9	35	0.19	N.D.	0.12
24.03.2014	(µg/m ³)	63	26	7	30	0.13	N.D.	N.D.
27.03.2014	(µg/m ³)	59	25	4	28	0.17	N.D.	N.D.

N.D. : Not detected

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STATISTICAL ANALYSIS OF POLLUTANTS

(A) (PERIOD: OCTOBER, 2013 TO DECEMBER, 2013)

Pollutants	Locations	Min	Max	A.M.	P - 98
PM ₁₀ (µg/m ³)	Project Site (Main Gate)	50	99	69.6	97.16
	Abhirampur	47	103	71.4	98.86
	Amta	46	96	66.9	93.24
	Serpur	42	86	60.5	83.24
	Overall	42	103	67.1	98.76
PM _{2.5} (µg/m ³)	Project Site (Main Gate)	21	45	29.9	42.68
	Abhirampur	18	47	30.9	44.63
	Amta	18	43	28.8	41.96
	Serpur	16	40	26.1	38.39
	Overall	15.54	47.38	28.9	44.51
SO ₂ (µg/m ³)	Project Site (Main Gate)	5	16	9.3	15.08
	Abhirampur	5	15	9.1	14.54
	Amta	4	16	8.7	15.08
	Serpur	4	16	7.8	14.16
	Overall	4	16	8.7	15.08
NO ₂ (µg/m ³)	Project Site (Main Gate)	15	44	28.0	43.54
	Abhirampur	16	42	28.1	41.54
	Amta	16	34	23.4	32.16
	Serpur	14	42	26.8	41.54
	Overall	14	44	26.6	43.42

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Benzene ($\mu\text{g}/\text{m}^3$)	Project Site (Main Gate)	0.11	0.43	0.22	0.40
	Abhirampur	0.11	0.26	0.17	0.26
	Amta	0.11	0.27	0.16	0.26
	Serpur	0.12	0.32	0.19	0.31
	Overall	0.11	0.12	0.11	0.12
Toluene ($\mu\text{g}/\text{m}^3$)	Project Site (Main Gate)	0.12	0.24	0.17	0.24
	Abhirampur	0.12	0.21	0.14	0.21
	Amta	0.10	0.19	0.14	0.19
	Serpur	0.11	0.19	0.16	0.19
	Overall	0.10	0.12	0.11	0.12
Xylene ($\mu\text{g}/\text{m}^3$)	Project Site (Main Gate)	0.11	0.39	0.20	0.37
	Abhirampur	0.12	0.18	0.15	0.18
	Amta	0.11	0.18	0.14	0.18
	Serpur	0.11	0.19	0.14	0.18
	Overall	0.11	0.12	0.11	0.12
(B) (PERIOD: JANUARY, 2014 TO MARCH, 2014)					
Pollutants	Locations	Min	Max	A.M.	P - 98
PM₁₀ ($\mu\text{g}/\text{m}^3$)	Project Site (Main Gate)	49	103	70.1	99.32
	Abhirampur	52	98	72.4	93.40
	Amta	50	95	73.8	94.54
	Serpur	47	90	66.4	89.08
	Overall	47	103	70.7	99.03
PM_{2.5} ($\mu\text{g}/\text{m}^3$)	Project Site (Main Gate)	20	46	29.7	43.82
	Abhirampur	21	44	30.9	41.63
	Amta	23	43	31.8	42.34
	Serpur	17	40	28.4	39.58
	Overall	17.39	46.35	30.2	43.73

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SO ₂ (µg/m ³)	Project Site (Main Gate)	6	15	9.6	14.54
	Abhirampur	6	18	10.1	16.62
	Amta	5	19	11.1	18.54
	Serpur	4	16	9.2	15.08
	Overall	4	19	10.0	18.42
NO ₂ (µg/m ³)	Project Site (Main Gate)	19	48	31.1	44.78
	Abhirampur	18	45	31.3	44.08
	Amta	18	50	28.7	47.70
	Serpur	16	43	29.8	42.54
	Overall	16	50	30.2	47.52
Benzene (µg/m ³)	Project Site (Main Gate)	0.11	0.27	0.17	0.21
	Abhirampur	0.11	0.28	0.16	0.18
	Amta	0.12	0.23	0.16	0.17
	Serpur	0.11	0.26	0.16	0.19
	Overall	0.11	0.12	0.11	0.12
Toluene (µg/m ³)	Project Site (Main Gate)	0.11	0.22	0.15	0.30
	Abhirampur	0.10	0.18	0.15	0.42
	Amta	0.11	0.17	0.14	0.18
	Serpur	0.10	0.19	0.14	0.18
	Overall	0.10	0.11	0.11	0.11
Xylene (µg/m ³)	Project Site (Main Gate)	0.12	0.32	0.18	0.30
	Abhirampur	0.11	0.19	0.14	0.19
	Amta	0.10	0.18	0.13	0.18
	Serpur	0.11	0.19	0.13	0.18
	Overall	0.10	0.12	0.11	0.12

N.B.: Min: Minimum, Max: Maximum, A.M.: Arithmetic mean, P-98: 98 percentile

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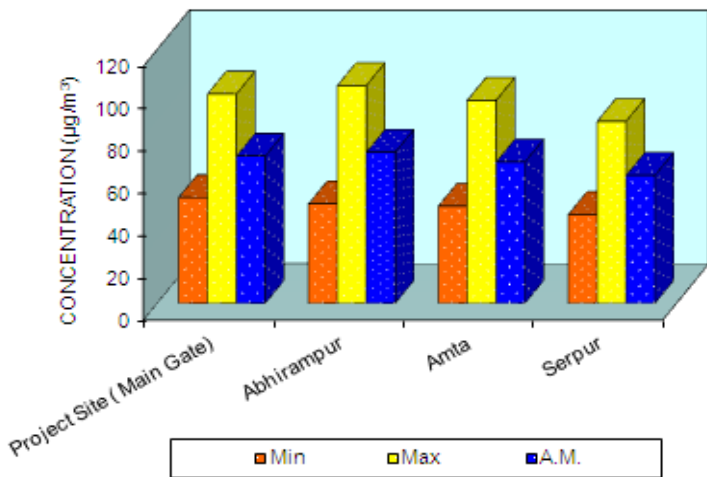
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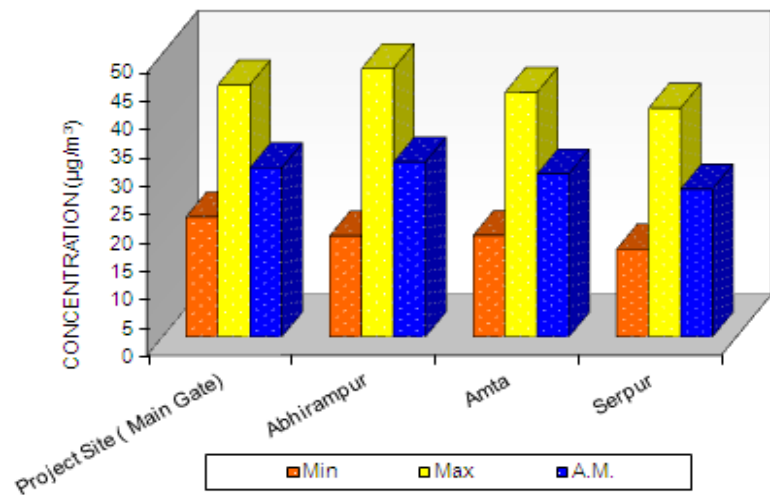
Annexure - I

GRAPHICAL PRESENTATION OF STATISTICAL ANALYSIS RESULTS

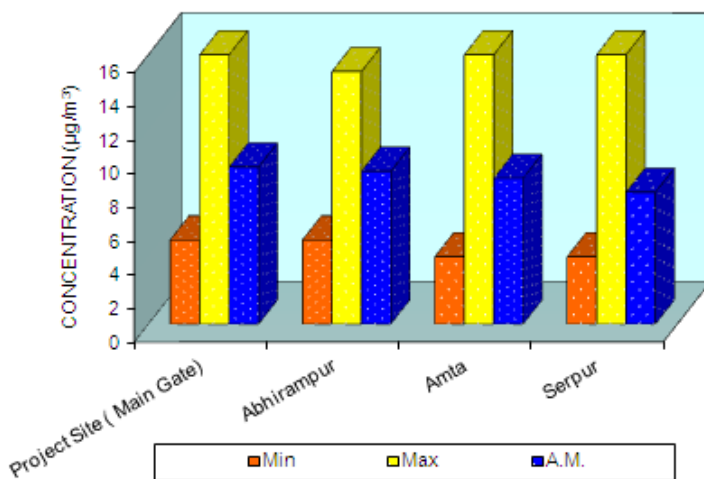
STATISTICAL ANALYSIS RESULTS OF PM₁₀
(Period: OCT, 2013 - DEC, 2013)



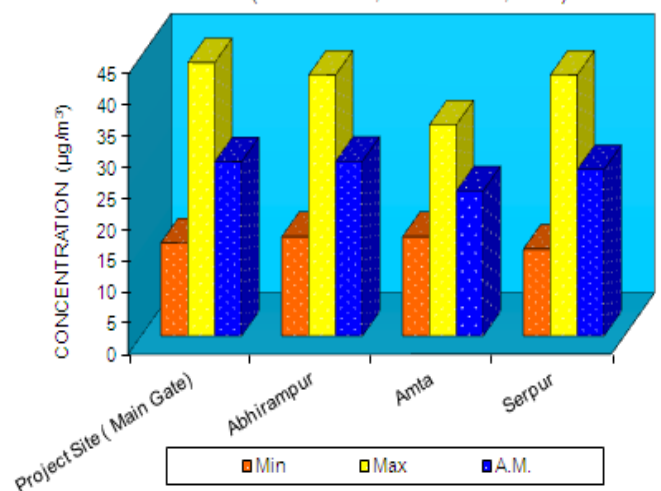
STATISTICAL ANALYSIS RESULTS OF PM_{2.5}
(Period: OCT, 2010 - DEC, 2010)



STATISTICAL ANALYSIS RESULTS OF SO₂
(Period: OCT, 2013 - DEC, 2013)



STATISTICAL ANALYSIS RESULTS OF NO₂
(Period: OCT, 2013 - DEC, 2013)



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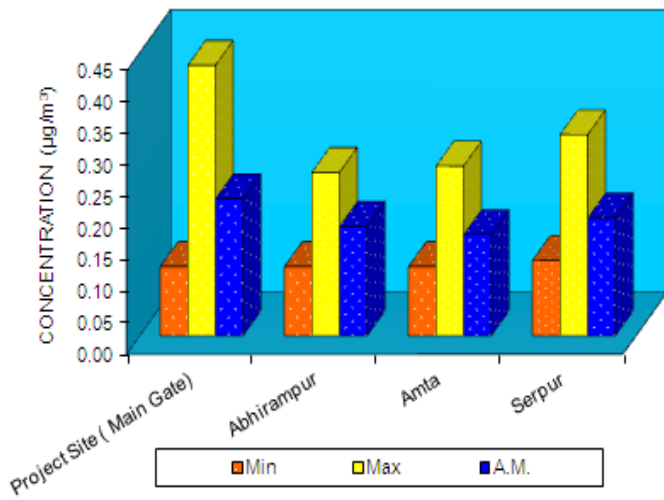
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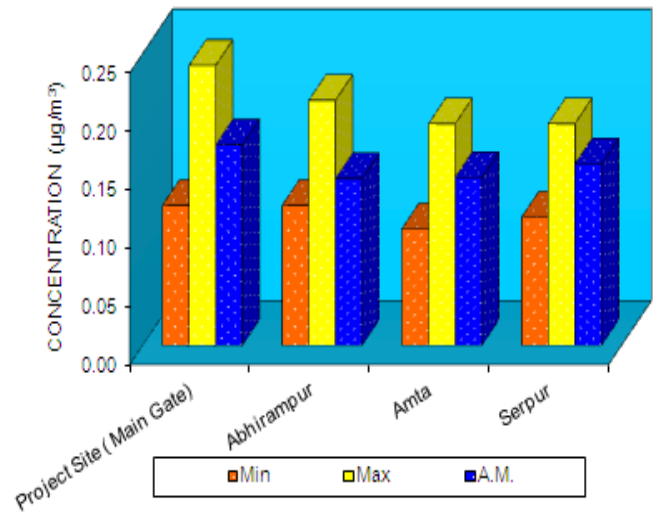
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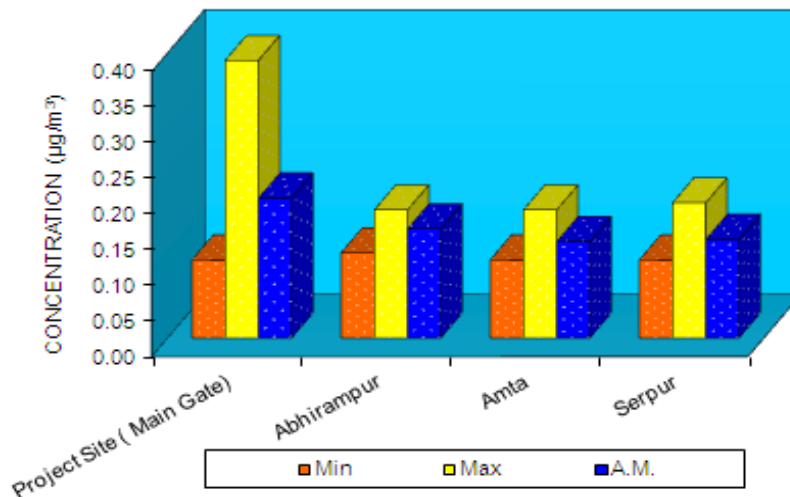
STATISTICAL ANALYSIS RESULTS OF BENZENE
(Period: OCT, 2013 - DEC, 2013)



STATISTICAL ANALYSIS RESULTS OF TOLUENE
(Period: OCT, 2013 - DEC, 2013)



STATISTICAL ANALYSIS RESULTS OF XYLENE
(Period: OCT, 2013 - DEC, 2013)



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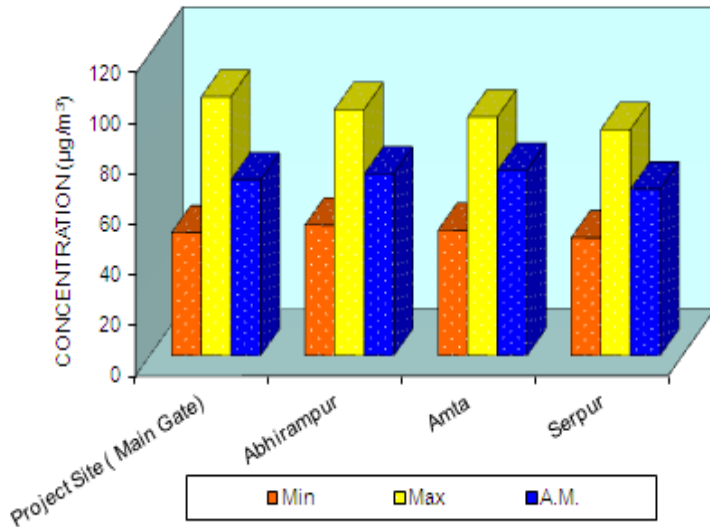
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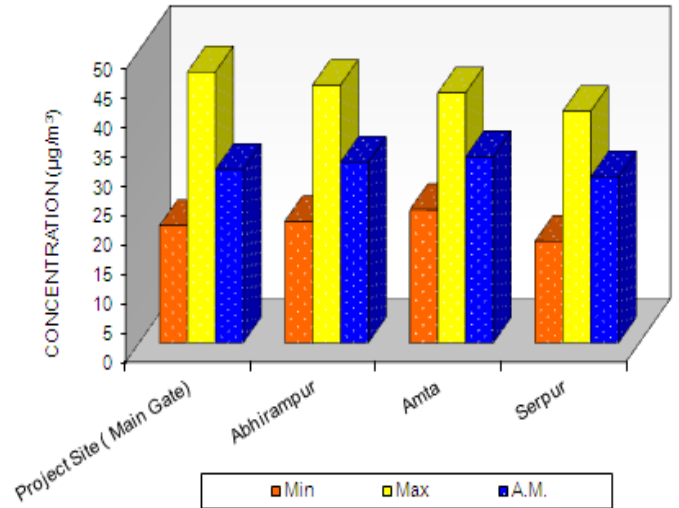
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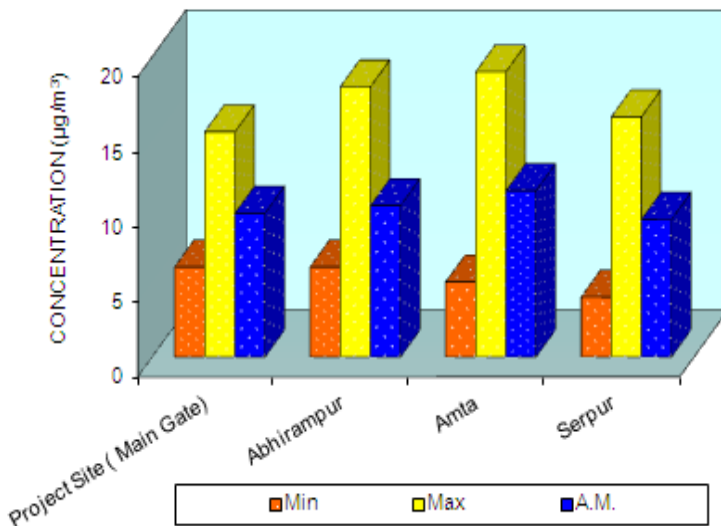
STATISTICAL ANALYSIS RESULTS OF PM₁₀
(Period: JANUARY, 2014 TO MARCH, 2014)



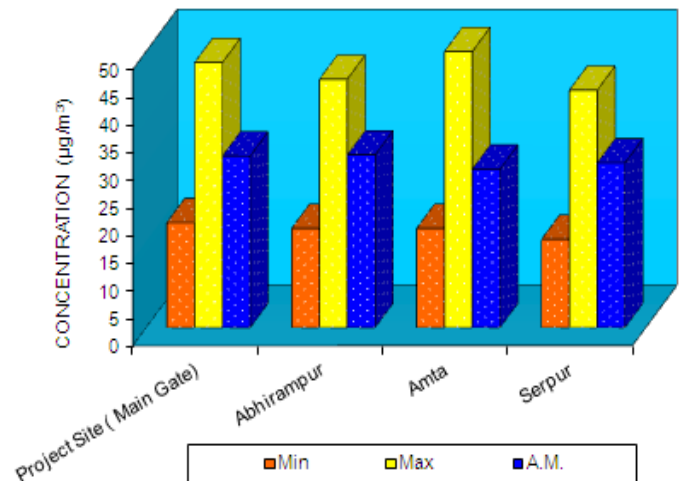
STATISTICAL ANALYSIS RESULTS OF PM_{2.5}
(Period: JANUARY, 2014 TO MARCH, 2014)



STATISTICAL ANALYSIS RESULTS OF SO₂
(Period: JANUARY, 2014 TO MARCH, 2014)



STATISTICAL ANALYSIS RESULTS OF NO₂
(Period: JANUARY, 2014 TO MARCH, 2014)



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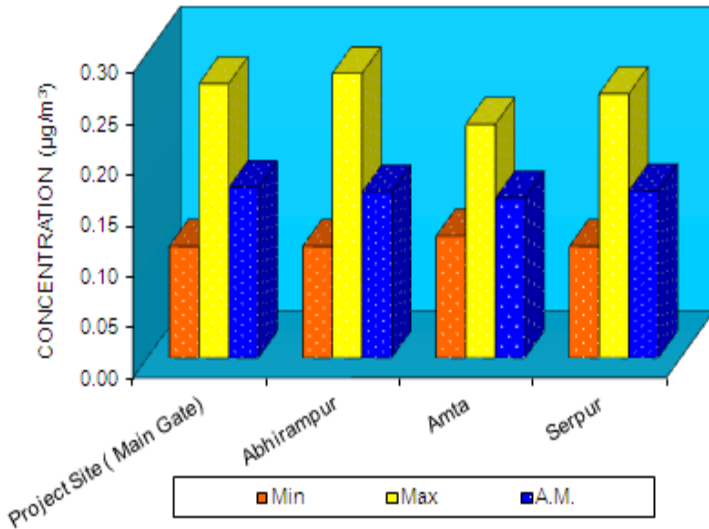
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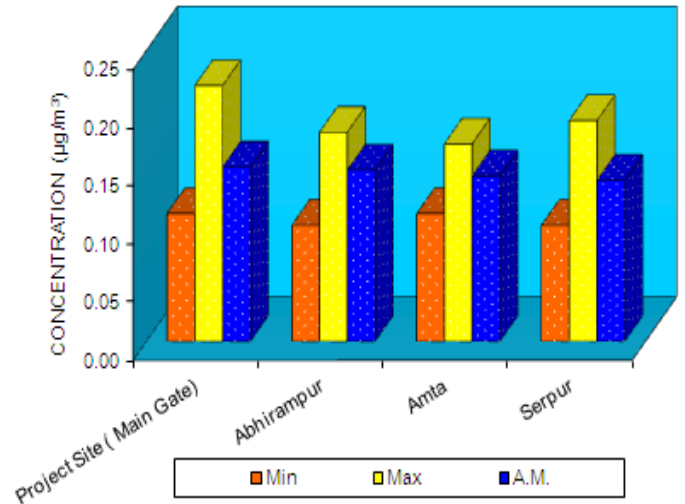
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STATISTICAL ANALYSIS RESULTS OF BENZENE
(Period: JANUARY, 2014 TO MARCH, 2014)



STATISTICAL ANALYSIS RESULTS OF TOLUENE
(Period: JANUARY, 2014 TO MARCH, 2014)



STATISTICAL ANALYSIS RESULTS OF XYLENE
(Period: JANUARY, 2014 TO MARCH, 2014)

