

Environmental Compliance Report

(Period: APRIL 2018 to SEPTEMBER, 2018)

for
Manufacture of Resins
(5,520 TPA)

at
**Tulsiberia Road, Village & P.O. Kulgachia, P.S. Uluberia,
Mouza Sreerampur, District Howrah, West Bengal**

Project Proponent
M/s ALMEGA PAINTS PVT. LTD.

SIX MONTHLY COMPLIANCE REPORT BASED ON ENVIRONMENTAL CLEARANCE ISSUED BY MoEF&CC, NEW DELHI

Period: April, 2018 to September, 2018

Refer EC File No. J-11011/221/2011-IA II(I) dated 22nd March, 2013

**Project Name:
Manufacture of Resins (5,520 TPA)**

**Project Site:
J.L. No. 01, Village Tulsiberia, R.S. Dag No. 2188 To 2194, 2196, 2297 To 2299, Dist. Howrah, West Bengal**

M/s Almega Paints Pvt. Ltd. obtained Environmental Clearance (EC granted vide F. No. J-11011/221/2011-IA II(I) dated 22nd March, 2013) from MoEF&CC, New Delhi for manufacturing of Resin: 5520 TPA on a piece of land, measuring 8.71 acres, located at J.L. No: 01, R.S Dag no: 2188 to 2194, 2196, 2297 to 2299, Village & P.O. Tulsiberia, P.S. Uluberia, district Howrah in West Bengal.

The compliance status of the special conditions and general conditions, as issued by MoEFCC in the above mentioned Environmental Clearance is discussed below:

A. SPECIFIC CONDITIONS:

SI. No .	Specific Conditions	Reply
i.	Regular monitoring of Volatile Organic Compounds (VOCs) shall be carried out and data submitted to the Regional Office of MoEF&CC at Bhubaneswar, CPCB and SPCB.	Volatile Organic Compounds (VOCs) is being monitored on regular basis. Monitored results is attached as Annexure-I.
ii.	Stack of adequate height shall be installed to oil fired boiler to disperse waste gases into atmospheres.	Stack of 30 m height has been installed with oil fired boiler in the project.
iii.	Fugitive emissions in the work zone environment product, raw materials,	Fugitive emission being monitored in the work zone environment on regular

	storage area etc. should be regularly Monitored. The emissions should conform to the limits imposed by SPCB.	basis. Monitored results is attached as Annexure-I.
iv.	Wet scrubber should be provided to control process emissions. Methanol should be recovered from the process area.	Complied.
v.	Total fresh water requirement shall not exceed 3.5 m ³ /day and prior permission should be obtained from the Competent Authority.	Total water requirement is well within 87m³/day for the project, which is sourced from ground water. The necessary permission for sinking of the well has been obtained from Ground Water Resource Department (Attached as Annexure -II).
vi.	As proposed, Industrial effluent will be treated in ETP, Treated effluent should be reused/recycled within the factory premises. Water quality of treated effluent shall meet the norms prescribed by CPCB/SPCB.	<p>The entire waste water is being treated in the existing Effluent Treatment Plant.</p> <p>The treated waste water is being reused for gardening, dust suppression etc.</p> <p>Monitored results for the treated effluent is attached as Annexure -I.</p> <p>The Sludge, generated in the ETP is sent to West Bengal Waste Management Ltd., Haldia.</p>
vii.	As proposed Phenol should be extracted/treated from the effluent before sending to the ETP.	Complied
viii.	The company should obtain Authorization for collection, storage and disposal of hazardous waste under the Hazardous Waste (Management, Handling and Trans-Boundary Movement) Rules, 2008 and amended as on date for management of Hazardous wastes and prior permission from SPCB should be obtained for disposal of solid/ hazardous	The Company is obtained Authorization for collection; storage and disposal of hazardous waste under the Hazardous Waste (Management, Handling and Trans-Boundary Movement) Rules, 2008 for management of Hazardous wastes and prior permission from West Bengal Pollution Control Board (refer Annexure-III).

	waste in the TSDF. Measures should be taken for firefighting facilities in case of emergency.	
ix.	<p>Solvent Management should be as follows:</p> <ul style="list-style-type: none"> • Reactor should be connected to chilled brine condenser system • Reactor and solvent handling pump should have mechanical seals to prevent leakages. • The condensers should be provided with sufficient Heat Transfer Area (HTA) and residence time so as to achieve more than 96% recovery. • Solvents should be stored in a separate space specified with all safety measures. • Proper earthing should be provided in all the electrical equipment wherever solvent handling is done. • Entire plant where solvents are used should be flame proof. The solvent storage tanks should be provided with breather valve to prevent issues. 	<ul style="list-style-type: none"> • Reactors are connected to condenser system • All pumps have mechanical seal • Condensers have sufficient HTA. In addition we have put Packed column for arresting solid particles to keep the condenser surface clean before the condenser • All solvents are stored in storage tank with proper earthing in a separate 'Solvent Yard' approved by Explosive Dept. • Entire plant all electrical system is Flame proofed
x.	As proposed, green belt should be developed in at least 33% of the project area. Selection of plant species shall be as per the CPCB guidelines in consultation with the DFO.	Greenbelt is being developed as per EC conditions. A local horticulturist has been appointed to develop an appropriate green belt following the CPCB guidelines. Total area of the plant is approx. 9 acre out of which approx. 3 acre is earmarked for green belt.
xi.	Occupational health surveillance of the workers should be done on a regular basis and records maintained as per the Factories Act.	<ul style="list-style-type: none"> • All the employees under project are covered under ESI scheme. • The company has taken initiation for treatment of its employee with the ESI Hospitals at Uluberia in case of

		<p>emergency.</p> <ul style="list-style-type: none"> • Annual medical check up on some medical parameter as per the Factories act is being done among the employees of the company. • All permanent employees of the company have been covered by medical insurance policy.
xii.	The company shall provide housing for construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	At the time of construction the company had provided the temporary housing which has been demolished after the construction period is over.

B. GENERAL CONDITIONS:

Sl. No.	General Conditions	Reply
i.	Ambient air quality data should be collected as per NAAQS standards notified by the Ministry on 16 th September, 2009.	Ambient air quality is being monitored by the company. Ambient Air Quality Monitoring results is attached as Annexure-I.
ii.	The project authorities must strictly adhere to the stipulations made by the West Bengal Pollution Control Board and the State Government.	Being complied.
iii.	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forest & Climate Change, Govt. of India	Any further expansion or modification in the plant will only be done after obtaining prior permission from the Ministry of Environment Forest & Climate Change. Govt. of India. (MoEFCC) .
iv.	At least four ambient air quality monitoring stations should be established in the	Ambient air quality is being monitored

	<p>downward direction as well as where maximum ground level concentration of PM₁₀, SO₂, and NO_x are anticipated in consultation with the SPCB. Data on ambient air quality and stack emission shall be regularly submitted to this Ministry including its Regional Office at Bhubaneswar and the SPCB/CPCB once in six months.</p>	on regular basis.
v.	<p>Industrial wastewater shall be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May, 1993 and 31st December, 1993 or as amended from time to time. The treated wastewater shall be utilized for plantation purpose</p>	<p>The entire wastewater is being treated in the existing Effluent Treatment Plant. Monitored results for the treated effluent is attached as Annexure-I.</p> <p>The treated wastewater is being reused for gardening purpose, dust suppression etc.</p>
vi.	<p>The overall noise levels in and around the plant area shall be kept well within the standards (85 dBA) by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels should conform to the standards prescribed under EPA Rules, 1989 viz. 75 dBA (day time) and 70 dBA (nighttime).</p>	<p>Noise levels at relevant locations are being monitored on regular basis. Monitored results for the ambient noise levels in and around the plant area are attached as Annexure-I.</p>
vii.	<p>Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.</p>	<ul style="list-style-type: none"> • All the permanent employees under project are covered under ESI scheme. • The company has taken initiation for treatment of its employee with the ESI Hospitals at Uluberia in case of emergency. • Annual medical check up on some medical parameter as per the Factories act is being done. All permanent employees of the company have been covered by medical insurance policy.

viii.	The company shall develop rain water harvesting structures to harvest the rain water for utilization in the lean season besides recharging the ground water table.	Rain water harvesting pond has been constructed for storage of rainwater. Roof top rain water is being collected in a concrete tank for general usages such as gardening, washing, cleaning etc.
ix.	The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA/EMP report. Further the company must undertake socio-economic development activities in the surrounding villages like community development programs, educational programs, drinking water supply and health care etc.	Recommendations of the Environmental Management Plan (EMP) are being followed. Management is jointly coordinating all the environmental management activities as per the EMP and recommendation of the relevant statutory bodies. The company has been undertaking lot of socio-economic development activities in the neighborhood, which shall continue in future also(attached as Annexure-IV)
x.	Requisite funds shall be earmarked towards capital cost and recurring cost/annum for environment pollution control measures to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government. An implementation schedule for implementing all the conditions stipulated herein shall be submitted to the Regional Office of the Ministry at Bhubaneswar. The funds to provided shall not be diverted for any other purpose.	Rs. 40 lac have been invested by the company towards capital cost for environment pollution control measures. Recurring cost for environmental management & pollution control equipment are about Rs. 5 lacs.
xi.	A copy of clearance letter shall be sent by the proponent to concerned Panchayat, ZillaParishad/ Municipal Corporation, Urban Local Body and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the web site of the company by the proponent.	Have been done.
xii.	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of mentioned data on their website and shall	Being done.

	<p>update the same periodically. It shall simultaneously be sent to the Regional Office of the MoEF at Bhubaneswar. The respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely, PM₁₀, SO₂, NO_x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.</p>
xiii.	<p>The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored data (both in hard copies as well as by e-mail) to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The Regional Office of this Ministry at Bhubaneswar/ CPCB / SPCB shall monitor the stipulated conditions.</p>
xiv.	<p>The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1988, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental conditions and shall also be sent to the respective Regional Office of the MoEF at Bhubaneswar by e-mail.</p>
xv.	<p>The Project Proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB and may also be seen at Website of the Ministry of Environment, Forest & Climate Change, Govt. of India at http://envfor.nic.in. This shall be advertised</p>

	<p>within seven days from the date of issue of the clearance letter at least in two local news papers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same should be forwarded to the Regional Office at Bhubaneswar.</p>	
xvi.	<p>Project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of commencing the land development work.</p>	<p>The date of financial closure is 31st March. The final approval of the project by the concerned authorities has been done.</p> <p>The project is already implemented and in operation.</p>

Envirotech East Pvt. Limited

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

Laboratory Recognised by Ministry of Environment, Forest & Climate Change, 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, eeplkol2@gmail.com
Web : www.envirotecheast.com

AMBIENT AIR QUALITY MONITORING RESULTS

Name of Industry	M/s. ALMEGA PAINTS PVT. LTD.						
Address	Village & P.O. Tulshiberia - P.S. -Uluberia, District: Howrah West Bengal						

TABLE: - 1
Onsite Ambient Air Quality Monitoring Results
Location: Near Project Site
(Period: April, 2018)

DATE	PM₁₀	PM_{2.5}	SO₂	NO₂	Benzene	Toluene	Xylene
	($\mu\text{g}/\text{m}^3$)						
03.04.2018	79	27	10	32	0.49	0.6	0.06
05.04.2018	68	23	8	38	1.02	0.2	0.05
10.04.2018	54	19	9	26	0.63	0.4	0.02
12.04.2018	66	18	12	31	0.27	0.3	0.03
17.04.2018	71	26	14	24	0.39	0.4	0.02
19.04.2018	77	20	13	36	0.56	0.9	0.04
24.04.2018	63	25	9	28	0.6	0.3	0.02
29.04.2018	74	27	10	27	0.38	0.7	0.07

TABLE: - 2
Onsite Ambient Air Quality Monitoring Results
Location : Abhirampur
(Period: April, 2018)

DATE	PM₁₀	PM_{2.5}	SO₂	NO₂	Benzene	Toluene	Xylene
	($\mu\text{g}/\text{m}^3$)						
03.04.2018	58	19	8	24	0.016	0.06	0.02
05.04.2018	62	22	10	31	0.14	BDL	BDL
10.04.2018	54	16	12	24	BDL	0.04	BDL
12.04.2018	52	18	9	19	BDL	BDL	BDL
17.04.2018	49	14	8	18	0.06	0.02	BDL
19.04.2018	48	12	9	20	0.05	0.01	BDL
24.04.2018	57	23	10	21	0.06	0.05	0.02
29.04.2018	63	21	9	26	0.14	BDL	BDL

Envirotech East Pvt. Limited

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

Laboratory Recognised by Ministry of Environment, Forest & Climate Change, 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, eeplkol2@gmail.com
Web : www.envirotecheast.com

TABLE: - 3
Onsite Ambient Air Quality Monitoring Results
Location: Amta
(Period: April, 2018)

DATE	PM₁₀	PM_{2.5}	SO₂	NO₂	Benzene	Toluene	Xylene
	($\mu\text{g}/\text{m}^3$)						
03.04.2018	58	23	9	26	0.12	BDL	BDL
05.04.2018	61	26	8	22	0.1	BDL	BDL
10.04.2018	77	30	10	24	0.09	BDL	BDL
12.04.2018	81	34	6	23	BDL	BDL	BDL
17.04.2018	69	23	16	31	0.06	BDL	BDL
19.04.2018	64	23	7	28	BDL	0.4	BDL
24.04.2018	69	25	8	24	BDL	BDL	BDL
29.04.2018	74	28	10	28	BDL	0.09	BDL

TABLE: - 4
Onsite Ambient Air Quality Monitoring Results
Location : Sherpur
(Period: April, 2018)

DATE	PM₁₀	PM_{2.5}	SO₂	NO₂	Benzene	Toluene	Xylene
	($\mu\text{g}/\text{m}^3$)						
03.04.2018	58	22	10	29	0.12	0.06	BDL
05.04.2018	61	24	12	24	0.13	0.02	BDL
10.04.2018	49	21	9	23	0.01	0.1	BDL
12.04.2018	62	18	7	26	BDL	BDL	0.02
17.04.2018	71	30	11	31	0.16	BDL	BDL
19.04.2018	63	24	14	26	0.14	BDL	BDL
24.04.2018	54	18	9	17	BDL	0.04	BDL
29.04.2018	63	26	7	19	BDL	0.02	BDL

For ENVIROTECH EAST (P) LTD.




Envirotech East Pvt. Limited

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

Laboratory Recognised by Ministry of Environment, Forest & Climate Change, 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: eepkol@gmail.com, eepkol2@gmail.com
Web : www.envirotecheast.com

AMBIENT AIR QUALITY MONITORING RESULTS

Name of Industry	M/s. ALMEGA PAINTS PVT. LTD.						
Address	Village & P.O. Tulshiberia - P.S. -Uluberia, District: Howrah West Bengal						

TABLE: - 5
Onsite Ambient Air Quality Monitoring Results
Location: Near Project Site
(Period: May' 2018)

DATE	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 ($\mu\text{g}/\text{m}^3$)	Benzene ($\mu\text{g}/\text{m}^3$)	Toluene ($\mu\text{g}/\text{m}^3$)	Xylene ($\mu\text{g}/\text{m}^3$)
03.05.2018	64	21	8	22	0.63	0.6	0.06
05.05.2018	58	17	7	21	0.51	0.4	0.08
08.05.2018	49	14	6	26	0.42	0.2	0.03
10.05.2018	32	10	5	19	0.39	0.7	0.09
15.05.2018	61	28	7	37	0.36	0.5	0.08
17.05.2018	69	22	12	34	0.51	BDL	0.04
22.05.2018	62	15	8	22	0.42	0.3	BDL
25.05.2018	58	13	6	19	0.38	0.1	0.02

TABLE: - 6
Onsite Ambient Air Quality Monitoring Results
Location : Abhirampur
(Period: May' 2018)

DATE	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 ($\mu\text{g}/\text{m}^3$)	Benzene ($\mu\text{g}/\text{m}^3$)	Toluene ($\mu\text{g}/\text{m}^3$)	Xylene ($\mu\text{g}/\text{m}^3$)
03.05.2018	63	24	10	32	0.16	0.04	0.02
05.05.2018	70	26	12	38	0.17	0.06	0.01
08.05.2018	64	19	14	37	0.18	0.03	0.03
10.05.2018	68	18	8	29	0.19	0.02	0.04
15.05.2018	71	32	11	31	0.21	0.07	0.02
17.05.2018	58	34	16	34	0.24	0.02	0.03
22.05.2018	69	26	13	31	0.31	0.04	0.08
25.05.2018	70	21	12	34	0.19	0.08	0.04

Envirotech East Pvt. Limited

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

Laboratory Recognised by Ministry of Environment, Forest & Climate Change, 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, eeplkol2@gmail.com
Web : www.envirotecheast.com

TABLE: - 7
Onsite Ambient Air Quality Monitoring Results
Location: Amta
(Period: May' 2018)

DATE	PM₁₀	PM_{2.5}	SO₂	NO₂	Benzene	Toluene	Xylene
	($\mu\text{g}/\text{m}^3$)						
03.05.2018	74	32	10	36	0.18	0.05	0.03
05.05.2018	76	34	12	41	0.19	0.06	0.07
08.05.2018	69	36	14	38	0.14	0.07	0.02
10.05.2018	74	29	18	32	0.1	BDL	BDL
15.05.2018	68	33	16	38	0.9	BDL	BDL
17.05.2018	63	34	15	41	0.8	0.06	0.03
22.05.2018	62	31	17	43	0.12	0.04	0.01
25.05.2018	74	37	16	31	0.13	0.05	BDL

TABLE: - 8
Onsite Ambient Air Quality Monitoring Results
Location : Sherpur
(Period: May' 2018)

DATE	PM₁₀	PM_{2.5}	SO₂	NO₂	Benzene	Toluene	Xylene
	($\mu\text{g}/\text{m}^3$)						
03.05.2018	68	31	10	34	0.12	0.06	0.02
05.05.2018	62	24	12	32	0.16	0.06	0.06
08.05.2018	74	29	14	31	0.14	0.09	0.02
10.05.2018	77	34	16	34	0.13	0.1	0.04
15.05.2018	71	31	14	28	0.14	0.06	0.07
17.05.2018	69	28	13	26	0.19	0.07	0.02
22.05.2018	63	24	14	27	0.16	0.04	0.06
25.05.2018	69	26	11	29	0.14	0.03	0.06

For ENVIROTECH EAST (P) LTD.




Envirotech East Pvt. Limited

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

Laboratory Recognised by Ministry of Environment, Forest & Climate Change, 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: eepkol@gmail.com, eepkol2@gmail.com
Web : www.envirotecheast.com

AMBIENT AIR QUALITY MONITORING RESULTS

Name of Industry	M/s. ALMEGA PAINTS PVT. LTD.						
Address	Village & P.O. Tulshiberia - P.S. -Uluberia, District: Howrah West Bengal						

TABLE: - 9
Onsite Ambient Air Quality Monitoring Results
Location: Near Project Site
(Period: June 2018)

DATE	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO ₂ (µg/m ³)	Benzene (µg/m ³)	Toluene (µg/m ³)	Xylene (µg/m ³)
05.06.2018	77	34	11	38	0.31	0.6	0.03
08.06.2018	68	29	13	41	0.42	0.8	0.02
12.06.2018	65	27	14	32	0.46	0.5	0.06
14.06.2018	71	31	15	39	0.44	0.7	0.02
19.06.2018	74	30	16	41	0.39	0.9	0.08
21.06.2018	63	24	12	42	0.46	0.8	0.07
26.06.2018	72	31	19	39	0.37	0.6	0.05
29.06.2018	69	28	17	32	0.9	0.4	0.03

TABLE: - 10
Onsite Ambient Air Quality Monitoring Results
Location : Abhirampur
(Period: June 2018)

DATE	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO ₂ (µg/m ³)	Benzene (µg/m ³)	Toluene (µg/m ³)	Xylene (µg/m ³)
05.06.2018	77	36	10	46	0.13	BDL	BDL
08.06.2018	78	31	12	48	0.14	BDL	BDL
12.06.2018	69	28	13	52	0.19	0.04	0.006
14.06.2018	74	31	10	53	BDL	BDL	BDL
19.06.2018	71	34	9	49	BDL	0.03	BDL
21.06.2018	68	37	7	51	0.12	0.02	BDL
26.06.2018	63	26	13	47	0.16	0.06	0.02
29.06.2018	71	27	12	39	0.13	0.04	BDL

Envirotech East Pvt. Limited

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

Laboratory Recognised by Ministry of Environment, Forest & Climate Change, 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, eeplkol2@gmail.com
Web : www.envirotecheast.com

TABLE: - 11
Onsite Ambient Air Quality Monitoring Results
Location: Amta
(Period: June 2018)

DATE	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO ₂ (µg/m ³)	Benzene (µg/m ³)	Toluene (µg/m ³)	Xylene (µg/m ³)
05.06.2018	81	36	12	41	0.1	0.03	0.002
08.06.2018	84	34	13	43	0.12	0.08	0.001
12.06.2018	77	31	14	46	0.17	0.06	0.005
14.06.2018	79	29	16	47	0.13	0.04	0.006
19.06.2018	77	28	18	41	0.16	0.06	0.004
21.06.2018	79	32	17	43	0.14	0.08	0.002
26.06.2018	68	37	12	46	0.12	0.09	0.001
29.06.2018	71	36	13	39	BDL	0.04	0.003

TABLE: - 12
Onsite Ambient Air Quality Monitoring Results
Location : Sherpur
(Period: June 2018)

DATE	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO ₂ (µg/m ³)	Benzene (µg/m ³)	Toluene (µg/m ³)	Xylene (µg/m ³)
05.06.2018	74	24	12	42	0.13	0.06	BDL
08.06.2018	69	21	14	44	0.12	0.05	BDL
12.06.2018	70	32	10	46	0.8	0.03	BDL
14.06.2018	63	19	9	40	0.07	0.05	0.02
19.06.2018	76	34	8	37	0.17	0.03	BDL
21.06.2018	77	33	15	40	0.13	0.03	BDL
26.06.2018	73	29	11	42	0.12	0.04	BDL
29.06.2018	74	28	9	36	0.11	0.02	0.03

For ENVIROTECH EAST (P) LTD.




Envirotech East Pvt. Limited

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

Laboratory Recognised by Ministry of Environment, Forest & Climate Change, 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, eeplkol2@gmail.com
Web : www.envirotecheast.com

AMBIENT AIR QUALITY MONITORING RESULTS

Name of Industry	M/s. ALMEGA PAINTS PVT. LTD.						
Address	Village & P.O. Tulshiberia - P.S. -Uluberia, District: Howrah West Bengal						

TABLE: - 13
Onsite Ambient Air Quality Monitoring Results
Location: Near Project Site
(Period: July 2018)

DATE	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 ($\mu\text{g}/\text{m}^3$)	Benzene ($\mu\text{g}/\text{m}^3$)	Toluene ($\mu\text{g}/\text{m}^3$)	Xylene ($\mu\text{g}/\text{m}^3$)
03.07.2018	57	23	8	29	0.28	0.3	0.02
06.07.2018	42	18	9	26	0.24	BDL	0.03
10.07.2018	46	14	10	31	0.19	BDL	BDL
13.07.2018	52	21	12	24	0.16	0.6	0.04
17.07.2018	61	26	14	29	0.22	0.2	BDL
20.07.2018	43	15	12	31	0.32	BDL	BDL
24.07.2018	38	16	10	34	BDL	BDL	BDL
26.07.2018	44	13	9	32	0.16	BDL	BDL

TABLE: - 14
Onsite Ambient Air Quality Monitoring Results
Location : Abhirampur
(Period: July 2018)

DATE	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 ($\mu\text{g}/\text{m}^3$)	Benzene ($\mu\text{g}/\text{m}^3$)	Toluene ($\mu\text{g}/\text{m}^3$)	Xylene ($\mu\text{g}/\text{m}^3$)
03.07.2018	34	13	10	34	0.16	BDL	0.002
06.07.2018	39	16	9	32	0.17	0.03	BDL
10.07.2018	42	18	8	37	BDL	0.02	0.05
13.07.2018	47	14	7	28	BDL	BDL	0.04
17.07.2018	35	12	11	23	BDL	BDL	BDL
20.07.2018	29	13	6	26	0.01	BDL	0.001
24.07.2018	37	14	9	31	0.7	0.06	0.002
26.07.2018	46	18	12	24	0.1	BDL	BDL

Envirotech East Pvt. Limited

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

Laboratory Recognised by Ministry of Environment, Forest & Climate Change, 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: eepkol@gmail.com, eepkol2@gmail.com
Web : www.envirotecheast.com

TABLE: - 15
Onsite Ambient Air Quality Monitoring Results
Location: Amta
(Period: July 2018)

DATE	PM₁₀	PM_{2.5}	SO₂	NO₂	Benzene	Toluene	Xylene
	($\mu\text{g}/\text{m}^3$)						
03.07.2018	63	23	8	32	0.11	0.02	0.003
06.07.2018	65	21	7	31	0.23	BDL	0.02
10.07.2018	71	32	9	28	0.6	0.05	0.06
13.07.2018	69	22	6	26	0.5	0.04	0.04
17.07.2018	51	27	6	28	0.7	0.04	0.005
20.07.2018	46	23	7	29	0.1	0.02	0.002
24.07.2018	66	20	10	31	0.12	0.02	0.03
26.07.2018	63	18	9	24	0.7	0.03	0.006

TABLE: - 16
Onsite Ambient Air Quality Monitoring Results
Location : Sherpur
(Period: July 2018)

DATE	PM₁₀	PM_{2.5}	SO₂	NO₂	Benzene	Toluene	Xylene
	($\mu\text{g}/\text{m}^3$)						
03.07.2018	58	22	8	26	0.12	0.08	BDL
06.07.2018	49	34	9	24	0.11	0.09	BDL
10.07.2018	44	26	11	27	0.8	0.04	BDL
13.07.2018	53	33	12	31	0.7	0.07	BDL
17.07.2018	57	31	7	24	0.11	0.08	BDL
20.07.2018	59	28	6	29	0.16	0.02	BDL
24.07.2018	61	27	7	28	0.15	0.06	BDL
26.07.2018	66	22	8	34	0.21	0.07	0.04

For ENVIROTECH EAST (P) LTD.




Envirotech East Pvt. Limited

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

Laboratory Recognised by Ministry of Environment, Forest & Climate Change, 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, eeplkol2@gmail.com
Web : www.envirotecheast.com

AMBIENT AIR QUALITY MONITORING RESULTS

Name of Industry	M/s. ALMEGA PAINTS PVT. LTD.						
Address	Village & P.O. Tulshiberia - P.S. -Uluberia, District: Howrah West Bengal						

TABLE: - 17
Onsite Ambient Air Quality Monitoring Results
Location: Near Project Site
(Period: August, 2018)

DATE	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 ($\mu\text{g}/\text{m}^3$)	Benzene ($\mu\text{g}/\text{m}^3$)	Toluene ($\mu\text{g}/\text{m}^3$)	Xylene ($\mu\text{g}/\text{m}^3$)
03.08.2018	72	24	11	32	0.25	0.5	0.02
07.08.2018	69	21	9	35	0.24	0.6	0.04
10.08.2018	58	19	13	41	0.36	0.3	0.02
13.08.2018	70	16	10	44	0.28	0.4	0.06
17.08.2018	63	22	9	36	0.27	0.2	0.07
21.08.2018	67	18	12	41	0.24	0.4	0.04
24.08.2018	54	19	10	29	0.31	BDL	0.04
28.08.2018	62	21	7	38	0.32	0.3	0.02

TABLE: - 18
Onsite Ambient Air Quality Monitoring Results
Location : Abhirampur
(Period: August, 2018)

DATE	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 ($\mu\text{g}/\text{m}^3$)	Benzene ($\mu\text{g}/\text{m}^3$)	Toluene ($\mu\text{g}/\text{m}^3$)	Xylene ($\mu\text{g}/\text{m}^3$)
03.08.2018	69	23	10	44	0.12	0.04	0.002
07.08.2018	74	31	14	43	0.11	0.06	0.005
10.08.2018	68	32	12	28	0.13	0.06	0.002
13.08.2018	74	34	16	31	0.9	0.05	0.004
17.08.2018	67	26	8	36	0.14	0.02	0.002
21.08.2018	72	29	11	32	0.09	BDL	0.002
24.08.2018	63	31	10	27	0.8	0.06	0.003
28.08.2018	64	33	8	23	0.7	0.02	0.005

Envirotech East Pvt. Limited

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

Laboratory Recognised by Ministry of Environment, Forest & Climate Change, 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, eeplkol2@gmail.com
Web : www.envirotecheast.com

TABLE: - 19
Onsite Ambient Air Quality Monitoring Results
Location: Amta
(Period: August, 2018)

DATE	PM₁₀	PM_{2.5}	SO₂	NO₂	Benzene	Toluene	Xylene
	($\mu\text{g}/\text{m}^3$)						
03.08.2018	76	24	11	34	0.15	0.02	0.03
07.08.2018	71	21	13	36	0.11	BDL	0.04
10.08.2018	63	19	12	32	0.8	0.05	0.06
13.08.2018	70	31	14	33	0.11	BDL	BDL
17.08.2018	76	28	9	44	0.9	0.06	0.05
21.08.2018	62	18	8	30	0.8	0.02	BDL
24.08.2018	78	26	9	39	0.12	BDL	BDL
28.08.2018	71	20	10	37	0.16	0.07	0.02

TABLE: - 20
Onsite Ambient Air Quality Monitoring Results
Location : Sherpur
(Period: August, 2018)

DATE	PM₁₀	PM_{2.5}	SO₂	NO₂	Benzene	Toluene	Xylene
	($\mu\text{g}/\text{m}^3$)						
03.08.2018	71	30	10	42	0.17	0.04	BDL
07.08.2018	78	31	12	39	0.16	0.06	BDL
10.08.2018	69	41	16	40	0.9	0.04	BDL
13.08.2018	78	44	11	36	0.8	BDL	BDL
17.08.2018	76	39	9	41	0.7	0.03	BDL
21.08.2018	73	36	10	46	0.12	0.02	BDL
24.08.2018	70	34	12	37	BDL	BDL	BDL
28.08.2018	68	29	14	29	0.9	0.05	BDL

For ENVIROTECH EAST (P) LTD.




Envirotech East Pvt. Limited

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

Laboratory Recognised by Ministry of Environment, Forest & Climate Change, 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, eeplkol2@gmail.com
Web : www.envirotecheast.com

AMBIENT AIR QUALITY MONITORING RESULTS

Name of Industry	M/s. ALMEGA PAINTS PVT. LTD.						
Address	Village & P.O. Tulshiberia - P.S. -Uluberia, District: Howrah West Bengal						

TABLE: - 21
Onsite Ambient Air Quality Monitoring Results
Location: Near Project Site
(Period: September, 2018)

DATE	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 ($\mu\text{g}/\text{m}^3$)	Benzene ($\mu\text{g}/\text{m}^3$)	Toluene ($\mu\text{g}/\text{m}^3$)	Xylene ($\mu\text{g}/\text{m}^3$)
03.09.2018	77	24	10	33	0.34	0.03	0.03
06.09.2018	68	21	14	26	0.28	BDL	BDL
11.09.2018	62	22	13	28	0.24	0.02	0.02
13.09.2018	72	23	10	36	0.29	0.06	BDL
17.09.2018	74	26	9	27	0.31	0.02	0.05
20.09.2018	81	29	11	24	0.24	0.05	0.03
25.09.2018	77	28	9	35	0.22	0.04	BDL
28.09.2018	78	24	6	39	0.27	0.07	0.02

TABLE: - 22
Onsite Ambient Air Quality Monitoring Results
Location : Abhirampur
(Period: September, 2018)

DATE	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 ($\mu\text{g}/\text{m}^3$)	Benzene ($\mu\text{g}/\text{m}^3$)	Toluene ($\mu\text{g}/\text{m}^3$)	Xylene ($\mu\text{g}/\text{m}^3$)
03.09.2018	67	21	10	42	0.1	0.02	0.04
06.09.2018	69	23	9	39	0.12	0.05	0.03
11.09.2018	55	19	12	32	0.15	0.06	0.02
13.09.2018	63	22	7	34	0.07	0.03	BDL
17.09.2018	69	20	8	41	0.06	0.02	0.07
20.09.2018	74	24	11	44	0.08	0.09	0.08
25.09.2018	78	21	14	46	0.12	0.04	0.06
28.09.2018	66	19	16	43	0.09	0.02	0.04

Envirotech East Pvt. Limited

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

Laboratory Recognised by Ministry of Environment, Forest & Climate Change, 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: eepkol@gmail.com, eepkol2@gmail.com
Web : www.envirotecheast.com

TABLE: - 23
Onsite Ambient Air Quality Monitoring Results
Location: Amta
(Period: September, 2018)

DATE	PM₁₀	PM_{2.5}	SO₂	NO₂	Benzene	Toluene	Xylene
	($\mu\text{g}/\text{m}^3$)						
03.09.2018	74	24	9	37	0.2	0.05	0.03
06.09.2018	76	21	12	39	0.6	0.06	0.02
11.09.2018	63	17	15	41	0.4	0.04	0.01
13.09.2018	71	19	11	46	0.3	0.07	BDL
17.09.2018	73	18	10	41	0.7	0.03	0.05
20.09.2018	78	22	14	36	BDL	0.04	0.04
25.09.2018	69	26	8	29	0.5	0.03	BDL
28.09.2018	71	23	9	32	BDL	0.02	0.02

TABLE: - 24
Onsite Ambient Air Quality Monitoring Results
Location : Sherpur
(Period: September, 2018)

DATE	PM₁₀	PM_{2.5}	SO₂	NO₂	Benzene	Toluene	Xylene
	($\mu\text{g}/\text{m}^3$)						
03.09.2018	71	23	8	28	0.7	0.04	BDL
06.09.2018	67	17	10	31	0.6	0.06	BDL
11.09.2018	69	18	11	26	0.8	0.07	0.05
13.09.2018	63	15	14	24	0.1	BDL	BDL
17.09.2018	61	13	12	28	BDL	BDL	0.06
20.09.2018	66	20	9	26	0.11	0.03	BDL
25.09.2018	70	22	10	27	0.6	0.04	0.03
28.09.2018	73	21	7	28	BDL	BDL	BDL

For ENVIROTECH EAST (P) LTD.




Envirotech East Pvt. Limited

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

Laboratory Recognised by Ministry of Environment, Forest & Climate Change, Govt. of India

Bengal Ambuja Commercial Complex,
UN-F 13, 1050/1, Survey Park, Kolkata – 700 075
Ph – 2418 8127/8128/8601; Fax – 2418 8128; email: eeplkol@gmail.com, eeplkol2@gmail.com
Web : www.envirotecheast.com

AMBIENT AIR QUALITY MONITORING RESULTS

Name of Industry	M/s. ALMEGA PAINTS PVT. LTD.				
Address	Village & P.O. Tulshiberia - P.S. -Uluberia, District: Howrah West Bengal				

Table-25

Statistical Analysis of Pollutants (Period: April, 2018 To June, 2018)

Pollutants	Locations	MES	Min	Max	A.M.	P - 98
PM₁₀ (µg/m³)	Near Project Site	24	32	79	65.2	78.1
	Abhirampur	24	48	78	64.46	77.54
	Amta	24	58	84	72.04	82.62
	Sherpur	24	49	77	67.08	77
	Overall	96	32	84	67.2	82.3
PM_{2.5} (µg/m³)	Near Project Site	24	10	34	23.3	32.6
	Abhirampur	24	12	37	24.79	36.54
	Amta	24	23	37	30.88	37
	Sherpur	24	18	34	26.25	34
	Overall	96	10	37	26.3	37.0
SO₂ (µg/m³)	Near Project Site	24	5	19	10.9	18.1
	Abhirampur	24	7	16	10.71	15.08
	Amta	24	6	18	12.79	18
	Sherpur	24	7	16	11.29	15.54
	Overall	96	5	19	11.4	18.1
NO₂ (µg/m³)	Near Project Site	24	19	42	31.1	41.5
	Abhirampur	24	18	53	34.75	52.54
	Amta	24	22	47	35.50	46.54
	Sherpur	24	17	46	31.79	45.08
	Overall	96	17	53	33.3	52.2

Envirotech East Pvt. Limited

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

Laboratory Recognised by Ministry of Environment, Forest & Climate Change, 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, eeplkol2@gmail.com
Web : www.envirotecheast.com

Table-25		Statistical Analysis of Pollutants				
		(Period: April, 2018 To June, 2018)				
Benzene ($\mu\text{g}/\text{m}^3$)	Near Project Site	24	0.27	1.02	0.49	0.96
	Abhirampur	24	0.016	0.31	0.15	0.28
	Amta	24	0.06	0.9	0.20	0.86
	Sherpur	24	0.01	0.8	0.16	0.56
	Overall	96	0.01	1.02	0.25	0.96
Toluene ($\mu\text{g}/\text{m}^3$)	Near Project Site	24	0.10	0.90	0.52	0.90
	Abhirampur	24	0.01	0.08	0.04	0.08
	Amta	24	0.03	0.4	0.08	0.31
	Sherpur	24	0.02	0.1	0.05	0.10
	Overall	96	0.01	0.90	0.17	0.86
Xylene ($\mu\text{g}/\text{m}^3$)	Near Project Site	24	0.02	0.09	0.05	0.09
	Abhirampur	24	0.006	0.08	0.03	0.07
	Amta	24	0.001	0.07	0.01	0.06
	Sherpur	24	0.02	0.07	0.04	0.07
	Overall	96	0.00	0.09	0.03	0.08

For ENVIROTECH EAST (P) LTD.



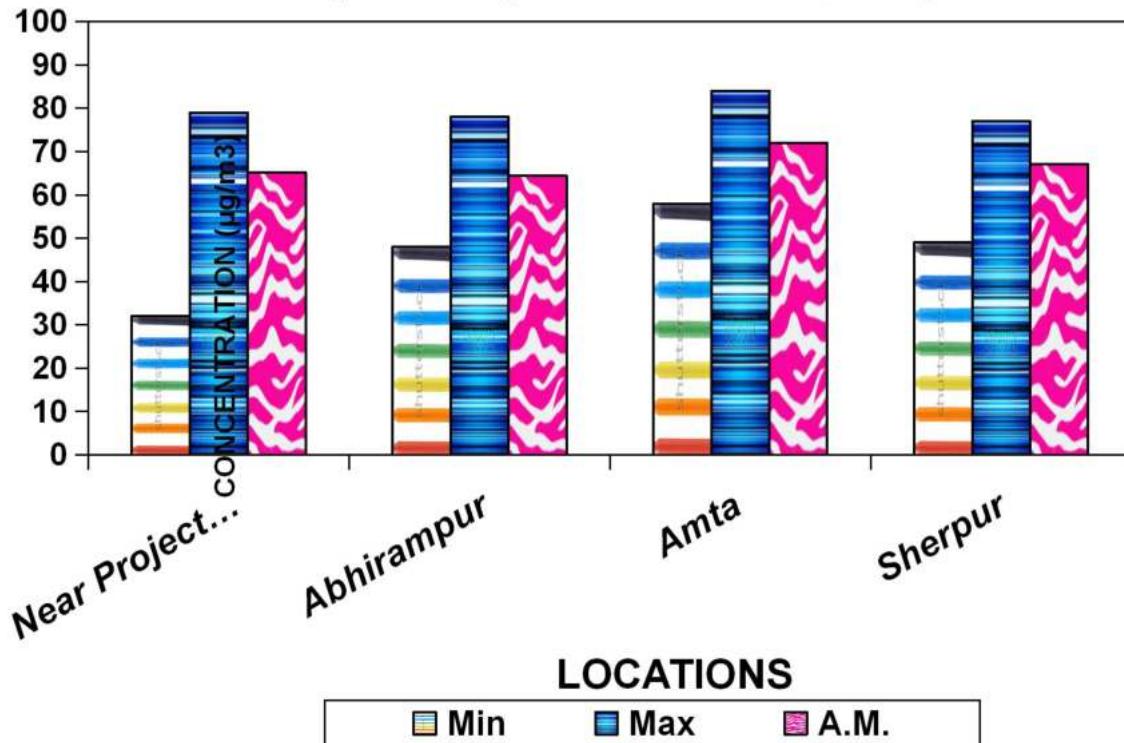

Envirotech East Pvt. Limited

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

Laboratory Recognised by Ministry of Environment, Forest & Climate Change, 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: eepkol@gmail.com, eepkol2@gmail.com
Web : www.envirotecheast.com

STATISTICAL ANALYSIS RESULTS OF PM10 (Period: April 2018 To June, 2018)



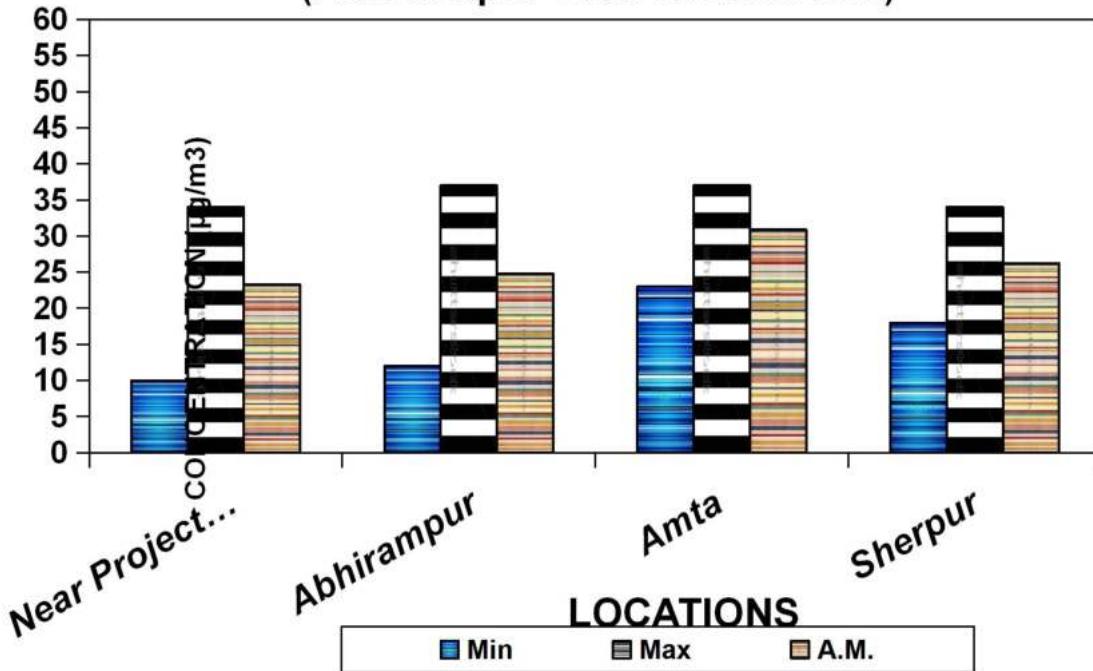
Envirotech East Pvt. Limited

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

Laboratory Recognised by Ministry of Environment, Forest & Climate Change, 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: eepkol@gmail.com, eepkol2@gmail.com
Web : www.envirotecheast.com

STATISTICAL ANALYSIS RESULTS OF PM_{2.5} (Period: April 2018 To June 2018)

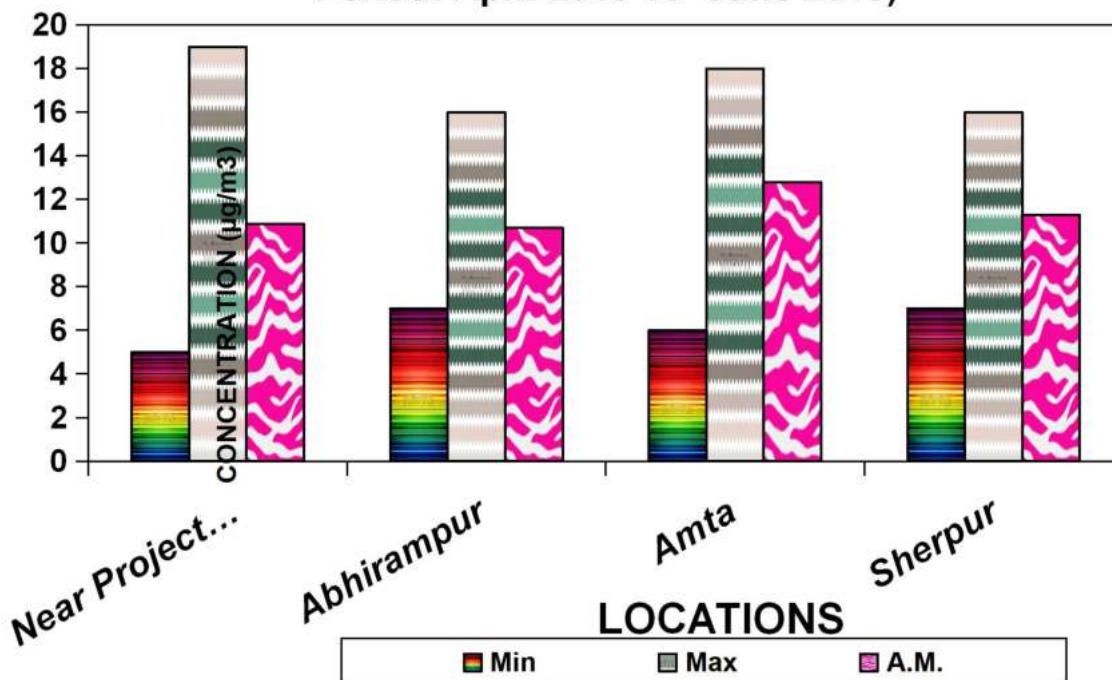


Envirotech East Pvt. Limited

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

Laboratory Recognised by Ministry of Environment, Forest & Climate Change, 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: eepkol@gmail.com, eepkol2@gmail.com
Web :www.envirotecheast.com

STATISTICAL ANALYSIS RESULTS OF SO₂
Period: April 2018 To June 2018)

Envirotech East Pvt. Limited

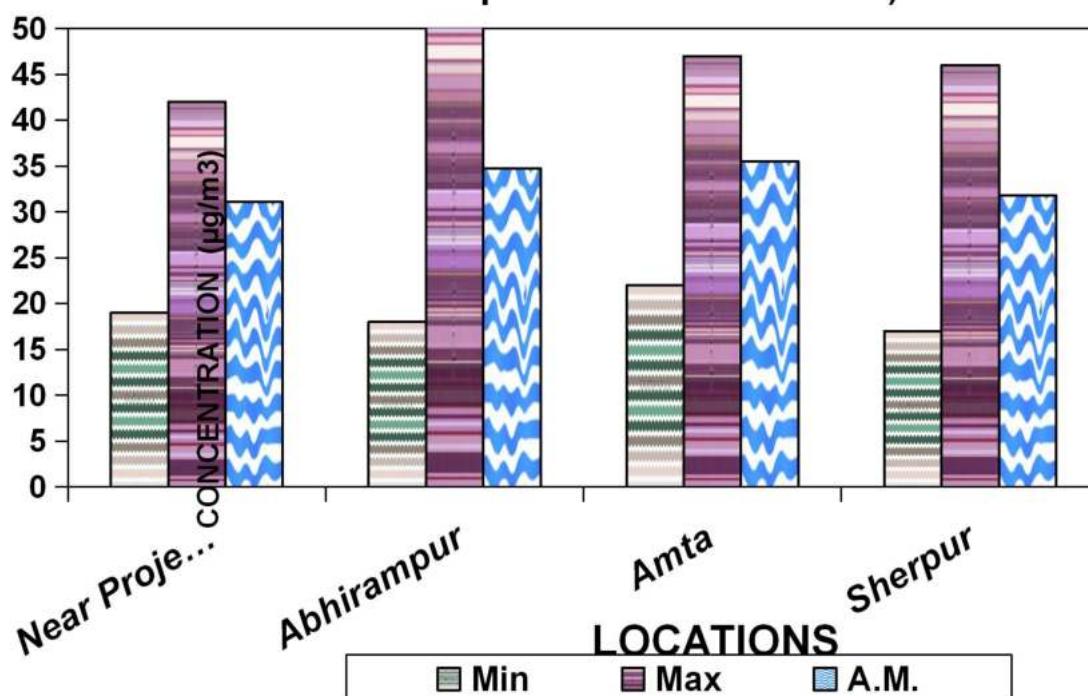
An ISO 9001:2008, 14001:2004 & OHSAS:18001:2007 Company

Laboratory Recognised by Ministry of Environment, Forest & Climate Change, 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: eepkol@gmail.com, eepkol2@gmail.com
Web : www.envirotecheast.com

STATISTICAL ANALYSIS RESULTS OF NO₂

Period: April 2018 To June 2018)



Envirotech East Pvt. Limited

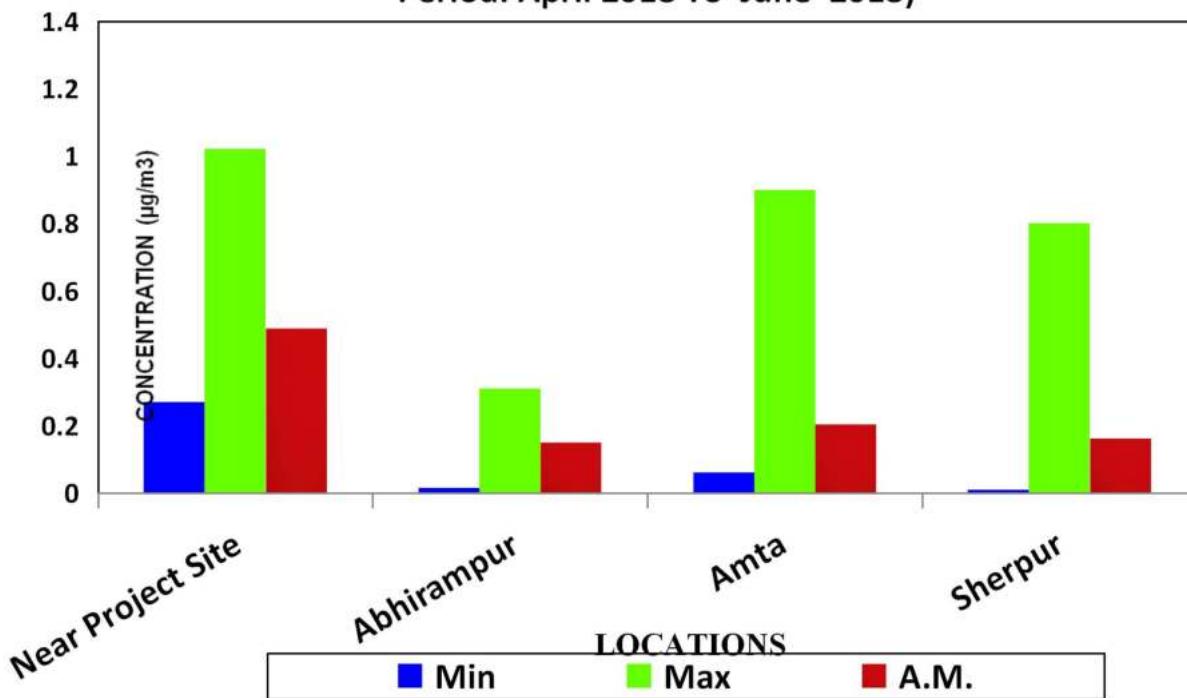
An ISO 9001:2008, 14001:2004 & OHSAS:18001:2007 Company

Laboratory Recognised by Ministry of Environment, Forest & Climate Change, 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: eepkol@gmail.com, eepkol2@gmail.com
Web : www.envirotecheast.com

STATISTICAL ANALYSIS RESULTS OF Benzene

Period: April 2018 To June 2018)

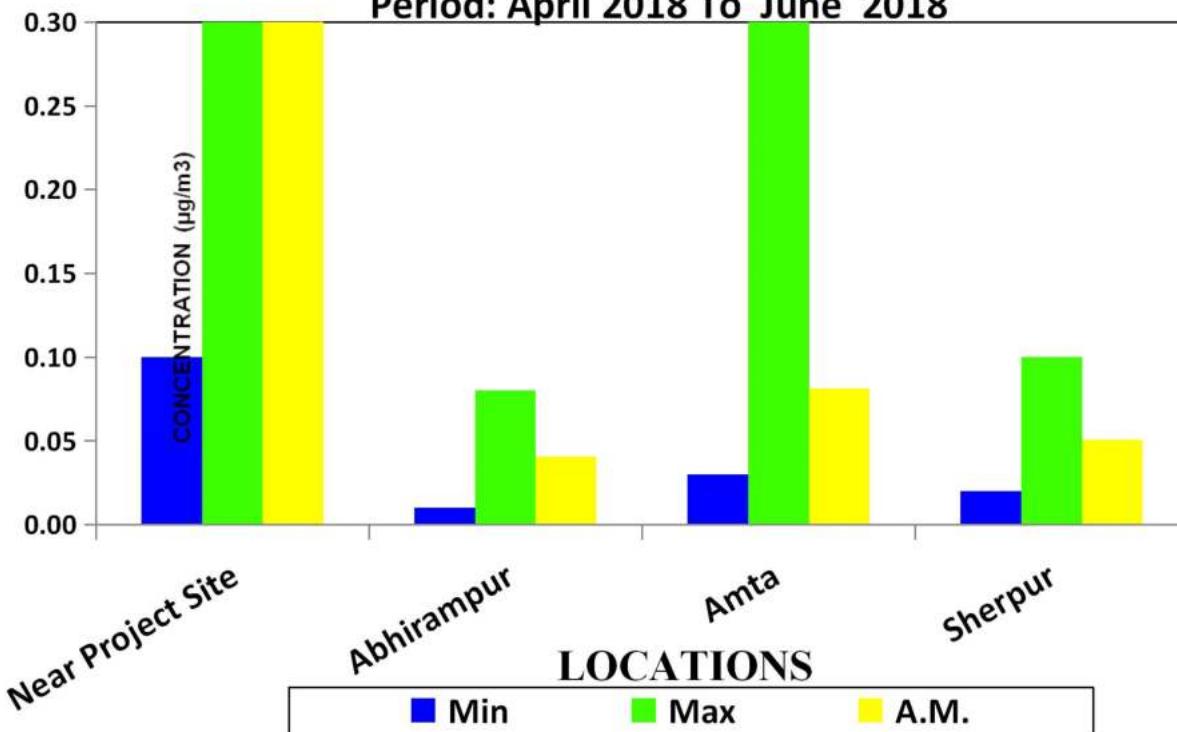


Envirotech East Pvt. Limited

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

Laboratory Recognised by Ministry of Environment, Forest & Climate Change, 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: eepkol@gmail.com, eepkol2@gmail.com
Web :www.envirotecheast.com

STATISTICAL ANALYSIS RESULTS OF Toluene**Period: April 2018 To June 2018**

Envirotech East Pvt. Limited

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

Laboratory Recognised by Ministry of Environment, Forest & Climate Change, 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, eeplkol2@gmail.com
Web : www.envirotecheast.com

AMBIENT AIR QUALITY MONITORING RESULTS

Name of Industry	M/s. ALMEGA PAINTS PVT. LTD.					
Address	Village & P.O. Tulshiberia - P.S. -Uluberia, District: Howrah West Bengal					

Table-26		Statistical Analysis of Pollutants				
		(Period: July, 2018 To September, 2018)				
Pollutants	Locations	MES	Min	Max	A.M.	P - 98
PM₁₀ (µg/m³)	Near Project Site	24	38	81	62.0	79.6
	Abhirampur	24	29	78	58.38	76.16
	Amta	24	46	78	68.17	78
	Sherpur	24	44	78	65.42	78
	Overall	96	29	81	63.5	79.5
PM_{2.5} (µg/m³)	Near Project Site	24	13	29	21.0	28.5
	Abhirampur	24	12	34	21.92	33.54
	Amta	24	17	32	22.63	31.54
	Sherpur	24	13	44	27.33	42.62
	Overall	96	12	44	23.2	42.1
SO₂ (µg/m³)	Near Project Site	24	6	14	10.3	14.0
	Abhirampur	24	6	16	10.33	16
	Amta	24	6	15	9.83	14.54
	Sherpur	24	6	16	10.13	15.08
	Overall	96	6	16	10.1	15.9
NO₂ (µg/m³)	Near Project Site	24	24	44	32.5	42.6
	Abhirampur	24	23	46	34.17	45.08
	Amta	24	24	46	33.96	45.08
	Sherpur	24	24	46	31.29	44.16
	Overall	96	23	46	33.0	45.1

Envirotech East Pvt. Limited

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

Laboratory Recognised by Ministry of Environment, Forest & Climate Change, 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, eeplkol2@gmail.com
Web : www.envirotecheast.com

Table-26		Statistical Analysis of Pollutants				
		(Period: July, 2018 To September, 2018)				
Benzene ($\mu\text{g}/\text{m}^3$)	Near Project Site	24	0.16	0.36	0.26	0.35
	Abhirampur	24	0.01	0.9	0.23	0.86
	Amta	24	0.1	0.9	0.41	0.86
	Sherpur	24	0.1	0.9	0.43	0.90
	Overall	96	0.01	0.90	0.33	0.90
Toluene ($\mu\text{g}/\text{m}^3$)	Near Project Site	24	0.02	0.60	0.24	0.60
	Abhirampur	24	0.02	0.09	0.04	0.08
	Amta	24	0.02	0.07	0.04	0.07
	Sherpur	24	0.02	0.09	0.05	0.09
	Overall	96	0.02	0.60	0.09	0.57
Xylene ($\mu\text{g}/\text{m}^3$)	Near Project Site	24	0.02	0.07	0.03	0.07
	Abhirampur	24	0.001	0.08	0.02	0.08
	Amta	24	0.002	0.06	0.03	0.06
	Sherpur	24	0.03	0.06	0.05	0.06
	Overall	96	0.00	0.08	0.03	0.08

For ENVIROTECH EAST (P) LTD.

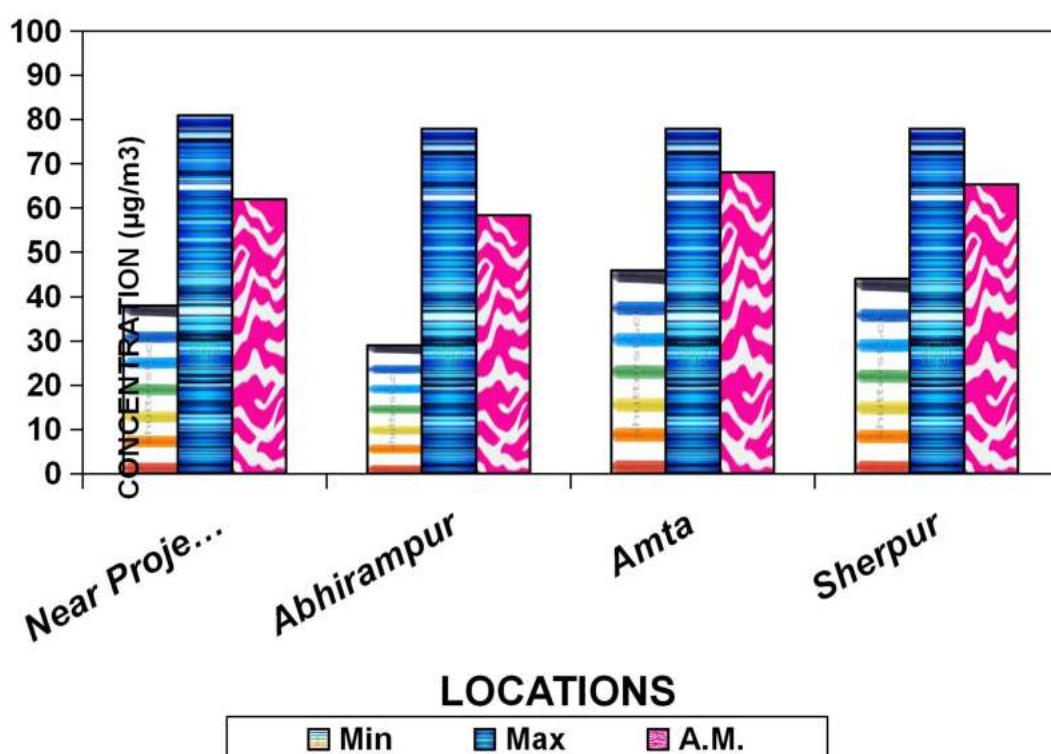



Envirotech East Pvt. Limited

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

Laboratory Recognised by Ministry of Environment, Forest & Climate Change, 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: eepkol@gmail.com, eepkol2@gmail.com
Web : www.envirotecheast.com

STATISTICAL ANALYSIS RESULTS OF PM10
(Period: July, 2018 To September, 2018)

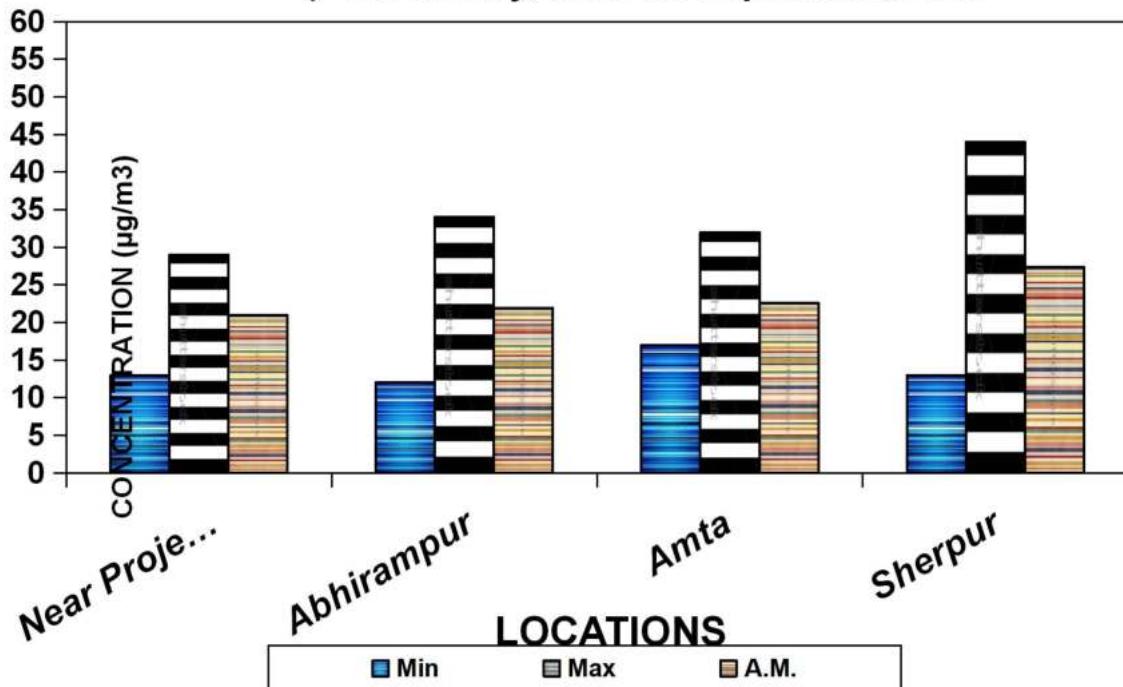
Envirotech East Pvt. Limited

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

Laboratory Recognised by Ministry of Environment, Forest & Climate Change, 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: eepkol@gmail.com, eepkol2@gmail.com
Web : www.envirotecheast.com

STATISTICAL ANALYSIS RESULTS OF PM_{2.5} (Period: July, 2018 To September, 2018)

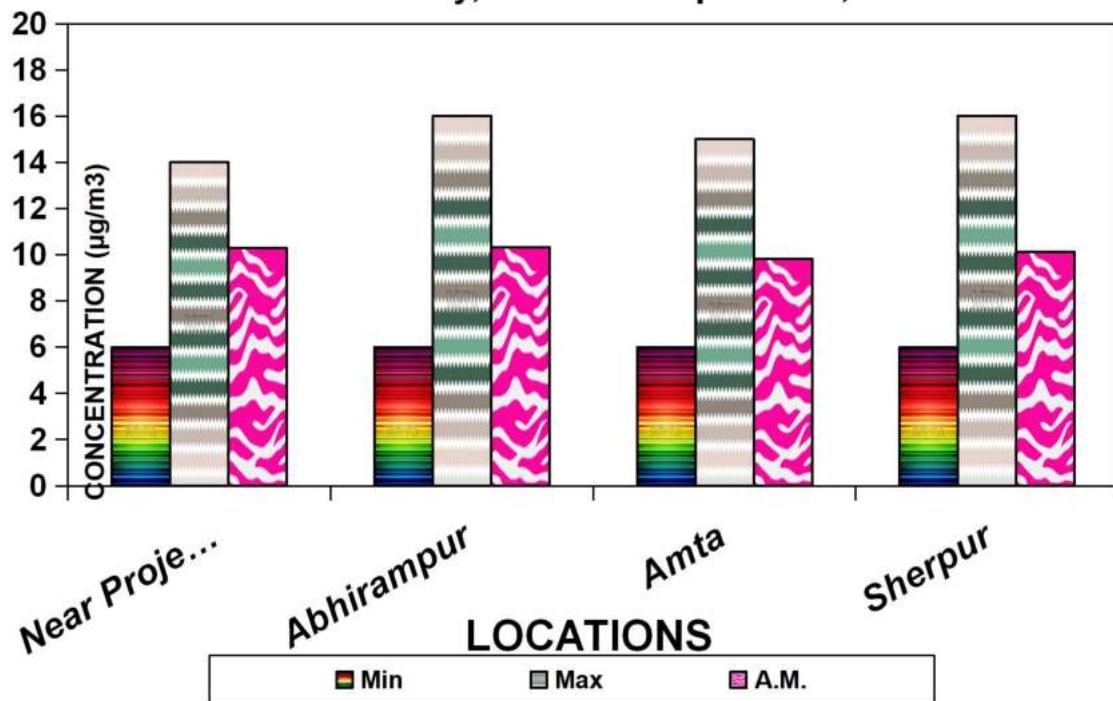


Envirotech East Pvt. Limited

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

Laboratory Recognised by Ministry of Environment, Forest & Climate Change, 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: eepkol@gmail.com, eepkol2@gmail.com
Web :www.envirotecheast.com

STATISTICAL ANALYSIS RESULTS OF SO₂
Period: July, 2018 To September, 2018

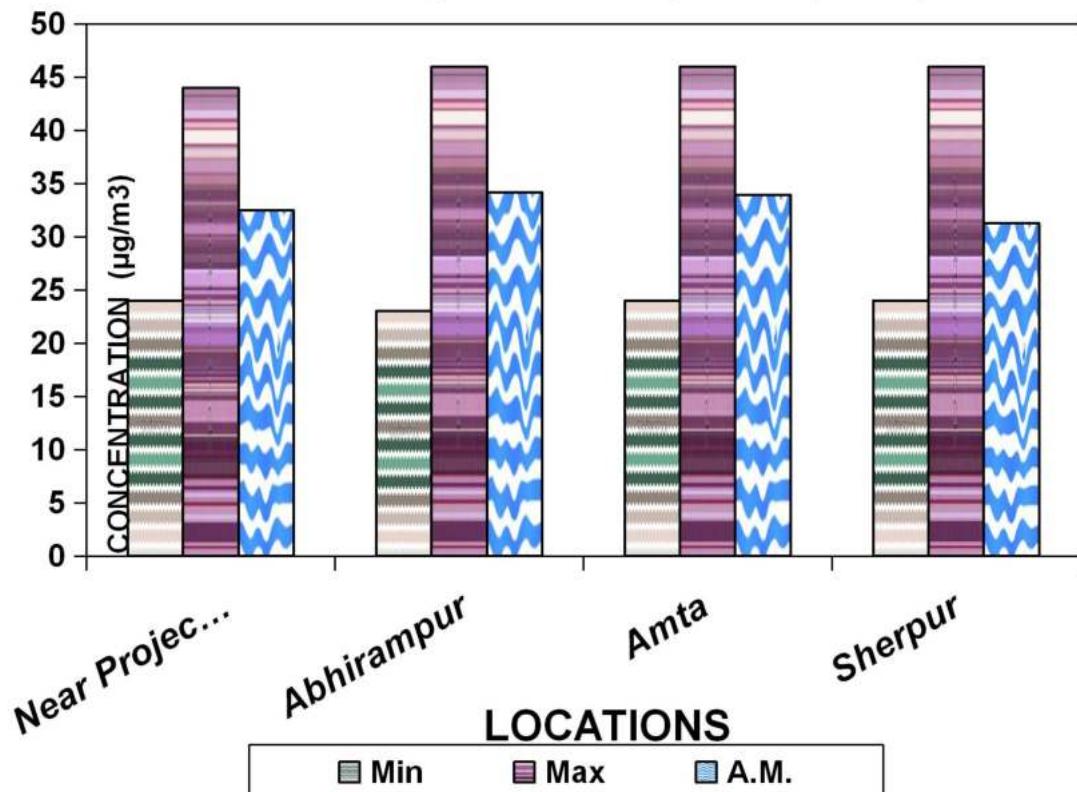
Envirotech East Pvt. Limited

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

Laboratory Recognised by Ministry of Environment, Forest & Climate Change, 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: eepkol@gmail.com, eepkol2@gmail.com
Web : www.envirotecheast.com

STATISTICAL ANALYSIS RESULTS OF NO₂ Period: July 2018 To September, 2018)



Envirotech East Pvt. Limited

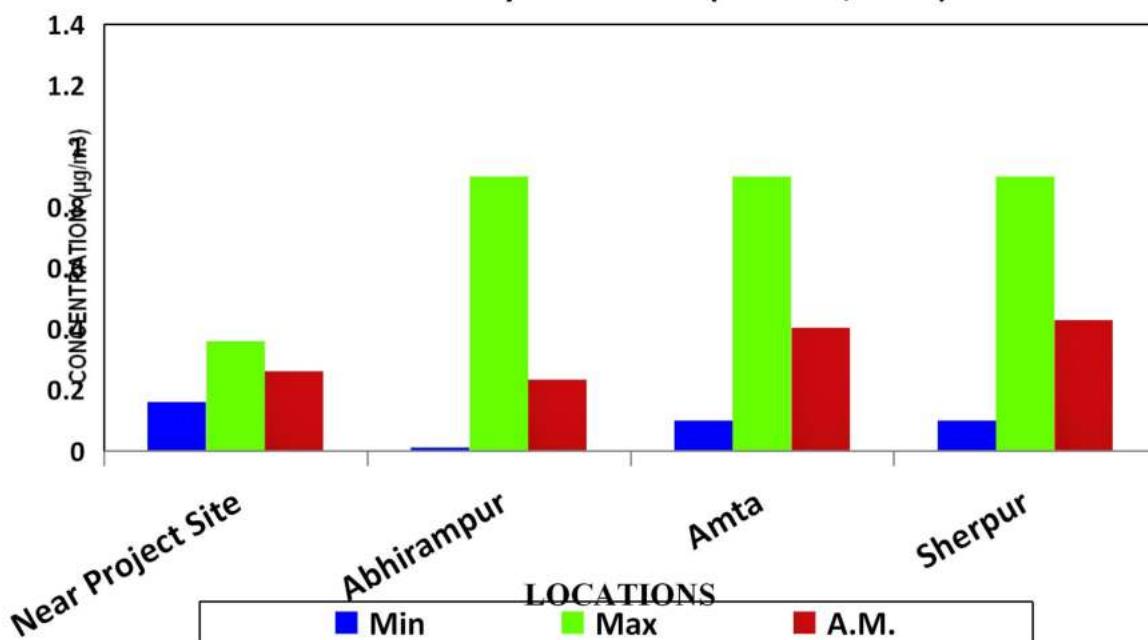
An ISO 9001:2008, 14001:2004 & OHSAS:18001:2007 Company

Laboratory Recognised by Ministry of Environment, Forest & Climate Change, 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: eepkol@gmail.com, eepkol2@gmail.com
Web :www.envirotecheast.com

STATISTICAL ANALYSIS RESULTS OF Benzene

Period: July 2018 TO September, 2018)

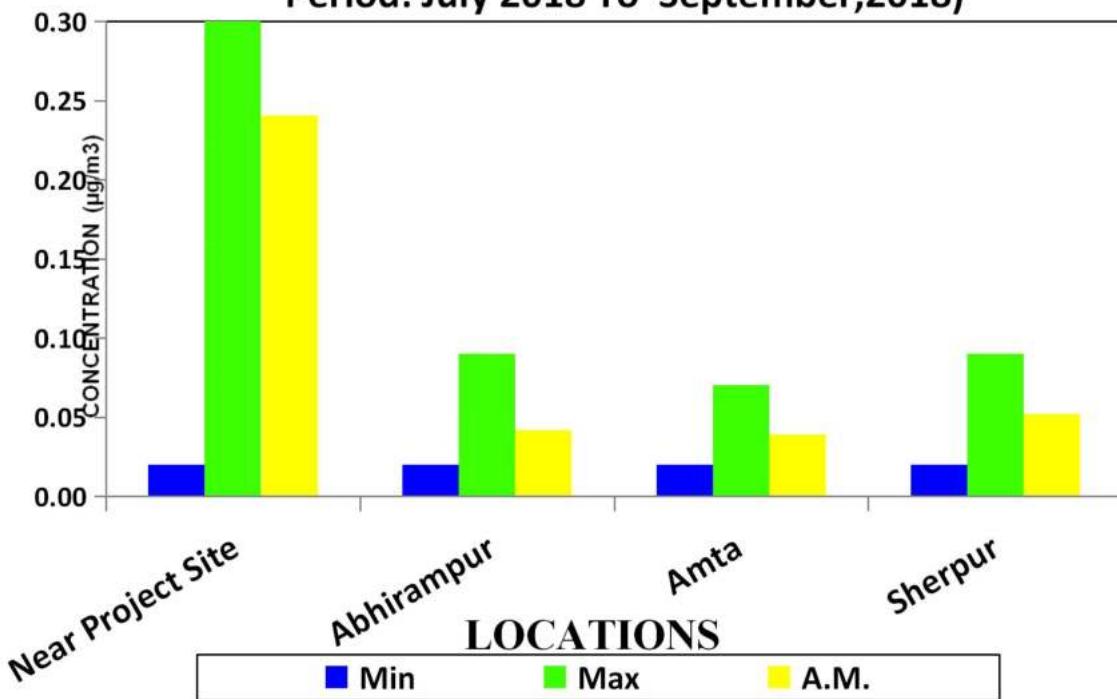


Envirotech East Pvt. Limited

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

Laboratory Recognised by Ministry of Environment, Forest & Climate Change, 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: eepkol@gmail.com, eepkol2@gmail.com
Web :www.envirotecheast.com

STATISTICAL ANALYSIS RESULTS OF Toluene
Period: July 2018 To September, 2018)

Envirotech East Pvt. Limited

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

Laboratory Recognised by Ministry of Environment, Forest & Climate Change, Govt. of India

Bengal Ambuja Commercial Complex,
UN-F 13, 1050/1, Survey Park, Kolkata – 700 075
Ph – 2418 8127/8128/8601; Fax – 2418 8128; email: eepkol@gmail.com, eepkol2@gmail.com
Web : www.envirotecheast.com

Name of Industry	M/s. ALMEGA PAINTS PVT. LTD.						
Address	Village & P.O. Tulshiberia - P.S. -Uluberia, District: Howrah West Bengal						

TABLE: - 27
Onsite Fugitive Emission Monitoring Results
Location : Resin Raw Storage Area
(Period: April, 2018)

DATE	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 ($\mu\text{g}/\text{m}^3$)	Benzene ($\mu\text{g}/\text{m}^3$)	Toluene ($\mu\text{g}/\text{m}^3$)	Xylene ($\mu\text{g}/\text{m}^3$)
03.04.2018	116	41	13	36	0.42	0.39	0.14
05.04.2018	108	46	11	29	0.53	0.21	0.21
10.04.2018	109	40	10	37	0.42	0.36	0.16
12.04.2018	103	39	14	32	0.63	0.45	0.15
17.04.2018	96	52	17	39	0.39	0.27	0.14
19.04.2018	115	56	20	21	0.47	0.33	0.22
24.04.2018	108	66	16	36	0.44	0.35	0.14
29.04.2018	112	67	17	23	0.61	0.38	0.24

TABLE: - 28
Onsite Fugitive Emission Monitoring Results
Location : Resin Ground Floor (Blender Area)
(Period: April, 2018)

DATE	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 ($\mu\text{g}/\text{m}^3$)	Benzene ($\mu\text{g}/\text{m}^3$)	Toluene ($\mu\text{g}/\text{m}^3$)	Xylene ($\mu\text{g}/\text{m}^3$)
03.04.2018	126	53	11	44	0.39	0.14	0.10
05.04.2018	134	51	12	32	0.32	0.14	0.11
10.04.2018	126	39	13	43	0.35	0.34	0.12
12.04.2018	98	32	9	46	0.39	0.29	0.13
17.04.2018	103	44	16	39	0.36	0.44	0.11
19.04.2018	118	41	10	26	0.52	0.51	0.19
24.04.2018	98	38	9	24	0.43	0.24	0.19
29.04.2018	137	44	9	41	0.44	0.29	0.20

Envirotech East Pvt. Limited

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

Laboratory Recognised by Ministry of Environment, Forest & Climate Change, 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: eepkol@gmail.com, eepkol2@gmail.com
Web : www.envirotecheast.com

TABLE: - 29
Onsite Fugitive Emission Monitoring Results
Location : First Floor of Resin Plant (Reactor Area)
(Period: April, 2018)

DATE	PM₁₀	PM_{2.5}	SO₂	NO₂	Benzene	Toluene	Xylene
	($\mu\text{g}/\text{m}^3$)						
03.04.2018	155	52	8	44	0.58	0.31	0.20
05.04.2018	136	59	10	41	0.62	0.42	0.22
10.04.2018	129	46	11	42	0.63	0.44	0.31
12.04.2018	161	63	16	36	0.51	0.34	0.22
17.04.2018	102	78	8	33	0.42	0.19	0.15
19.04.2018	156	53	8	41	0.38	0.16	0.11
24.04.2018	144	48	6	46	0.62	0.26	0.12
29.04.2018	174	49	9	31	0.69	0.32	0.13

TABLE: - 30
Onsite Fugitive Emission Monitoring Results
Location : Thermic Fluid Heater Area
(Period: April, 2018)

DATE	PM₁₀	PM_{2.5}	SO₂	NO₂	Benzene	Toluene	Xylene
	($\mu\text{g}/\text{m}^3$)						
03.04.2018	94	19	10	33	0.26	0.12	0.2
05.04.2018	153	28	12	21	0.21	0.14	0.4
10.04.2018	116	23	8	24	0.34	0.11	0.16
12.04.2018	89	31	13	21	0.22	0.16	BDL
17.04.2018	88	31	8	28	0.15	0.13	0.08
19.04.2018	117	22	12	26	0.33	0.13	0.09
24.04.2018	69	20	12	24	0.19	0.09	0.1
29.04.2018	7384	16	7	29	0.16	0.08	BDL

For ENVIROTECH EAST (P) LTD.




Envirotech East Pvt. Limited

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

Laboratory Recognised by Ministry of Environment, Forest & Climate Change, 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: eepkol@gmail.com, eepkol2@gmail.com
Web : www.envirotecheast.com

FUGITIVE EMISSION MONITORING RESULTS

Name of Industry	M/s. ALMEGA PAINTS PVT. LTD.						
Address	Village & P.O. Tulshiberia - P.S. -Uluberia, District: Howrah West Bengal						

TABLE: - 31
Onsite Fugitive Emission Monitoring Results
Location : Resin Raw Storage Area
(Period: May' 2018)

DATE	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 ($\mu\text{g}/\text{m}^3$)	Benzene ($\mu\text{g}/\text{m}^3$)	Toluene ($\mu\text{g}/\text{m}^3$)	Xylene ($\mu\text{g}/\text{m}^3$)
03.05.2018	108	31	11	46	0.72	0.43	0.11
05.05.2018	110	22	14	31	0.41	0.16	0.14
08.05.2018	112	30	9	29	0.70	0.35	0.19
10.05.2018	98	44	12	28	0.51	0.12	0.16
15.05.2018	89	23	16	39	0.63	0.43	0.21
17.05.2018	88	51	11	34	0.65	0.29	0.11
22.05.2018	94	30	12	32	0.77	0.28	0.10
25.05.2018	107	41	9	29	0.49	0.24	0.11

TABLE: - 32
Onsite Fugitive Emission Monitoring Results
Location : Resin Ground Floor (Blender Area)
(Period: May' 2018)

DATE	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 ($\mu\text{g}/\text{m}^3$)	Benzene ($\mu\text{g}/\text{m}^3$)	Toluene ($\mu\text{g}/\text{m}^3$)	Xylene ($\mu\text{g}/\text{m}^3$)
	($\mu\text{g}/\text{m}^3$)	($\mu\text{g}/\text{m}^3$)	($\mu\text{g}/\text{m}^3$)	($\mu\text{g}/\text{m}^3$)	($\mu\text{g}/\text{m}^3$)	($\mu\text{g}/\text{m}^3$)	($\mu\text{g}/\text{m}^3$)
03.05.2018	116	41	10	40	0.38	0.32	0.12
05.05.2018	113	42	11	39	0.77	0.42	0.19
08.05.2018	121	46	16	41	0.56	0.26	0.11
10.05.2018	98	38	12	36	0.63	0.51	0.32
15.05.2018	92	31	14	27	0.67	0.44	0.19
17.05.2018	77	34	19	44	0.61	0.48	0.26
22.05.2018	77	39	9	47	0.52	0.38	0.24
25.05.2018	89	44	11	31	0.77	0.56	0.21

Envirotech East Pvt. Limited

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

Laboratory Recognised by Ministry of Environment, Forest & Climate Change, 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: eepkol@gmail.com, eepkol2@gmail.com
Web : www.envirotecheast.com

TABLE: - 33

Onsite Fugitive Emission Monitoring Results
Location : First Floor of Resin Plant (Reactor Area)
(Period: May' 2018)

DATE	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO ₂ (µg/m ³)	Benzene (µg/m ³)	Toluene (µg/m ³)	Xylene (µg/m ³)
03.05.2018	81	38	13	27	0.76	0.51	0.22
05.05.2018	77	34	14	26	0.24	0.60	0.26
08.05.2018	89	26	8	39	0.63	0.33	0.19
10.05.2018	103	29	15	44	0.51	0.39	0.20
15.05.2018	59	39	9	41	0.52	0.22	0.16
17.05.2018	122	41	16	39	0.34	0.18	0.15
22.05.2018	126	41	10	36	0.67	0.16	0.18
25.05.2018	103	44	11	41	0.39	0.24	0.18

TABLE: - 34

Onsite Fugitive Emission Monitoring Results
Location : Thermic Fluid Heater Area
(Period: May' 2018)

DATE	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO ₂ (µg/m ³)	Benzene (µg/m ³)	Toluene (µg/m ³)	Xylene (µg/m ³)
03.05.2018	103	44	10	34	0.24	0.11	0.09
05.05.2018	84	36	10	25	0.33	0.16	0.11
08.05.2018	115	44	11	39	0.24	0.14	0.06
10.05.2018	128	44	16	27	0.16	0.13	BDL
15.05.2018	87	52	16	21	0.19	0.12	0.02
17.05.2018	112	78	14	24	0.35	0.16	0.08
22.05.2018	97	36	12	20	0.24	0.16	0.12
25.05.2018	89	39	10	21	0.18	0.14	0.11

For ENVIROTECH EAST (P) LTD.




Envirotech East Pvt. Limited

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

Laboratory Recognised by Ministry of Environment, Forest & Climate Change, 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: eepkol@gmail.com, eepkol2@gmail.com
Web : www.envirotecheast.com

FUGITIVE EMISSION MONITORING RESULTS

Name of Industry	M/s. ALMEGA PAINTS PVT. LTD.						
Address	Village & P.O. Tulshiberia - P.S. -Uluberia, District: Howrah West Bengal						

TABLE: - 35
Onsite Fugitive Emission Monitoring Results
Location : Resin Raw Storage Area
(Period: June 2018)

DATE	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 ($\mu\text{g}/\text{m}^3$)	Benzene ($\mu\text{g}/\text{m}^3$)	Toluene ($\mu\text{g}/\text{m}^3$)	Xylene ($\mu\text{g}/\text{m}^3$)
05.06.2018	105	32	9	26	0.32	0.26	BDL
08.06.2018	108	32	11	24	0.74	0.32	0.16
12.06.2018	119	47	12	31	0.41	0.22	0.12
14.06.2018	116	24	12	36	0.69	0.19	0.13
19.06.2018	102	21	8	34	0.63	0.19	BDL
21.06.2018	121	69	13	39	0.57	0.32	0.10
26.06.2018	98	24	12	37	0.44	0.10	0.15
29.06.2018	105	29	10	29	0.31	0.27	0.12

TABLE: - 36
Onsite Fugitive Emission Monitoring Results
Location : Resin Ground Floor (Blender Area)
(Period: June 2018)

DATE	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 ($\mu\text{g}/\text{m}^3$)	Benzene ($\mu\text{g}/\text{m}^3$)	Toluene ($\mu\text{g}/\text{m}^3$)	Xylene ($\mu\text{g}/\text{m}^3$)
05.06.2018	112	31	10	41	0.76	0.21	0.22
08.06.2018	129	26	12	29	0.61	0.12	0.12
12.06.2018	84	31	9	29	0.72	0.37	0.13
14.06.2018	123	22	15	32	0.41	0.32	0.09
19.06.2018	89	34	9	34	0.63	0.43	0.14
21.06.2018	74	29	13	29	0.28	0.18	0.29
26.06.2018	84	31	12	31	0.51	0.19	0.17
29.06.2018	88	20	10	27	0.42	0.14	BDL

Envirotech East Pvt. Limited

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

Laboratory Recognised by Ministry of Environment, Forest & Climate Change, 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: eepkol@gmail.com, eepkol2@gmail.com
Web : www.envirotecheast.com

TABLE: - 37

Onsite Fugitive Emission Monitoring Results
Location : First Floor of Resin Plant (Reactor Area)
(Period: June 2018)

DATE	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO ₂ (µg/m ³)	Benzene (µg/m ³)	Toluene (µg/m ³)	Xylene (µg/m ³)
05.06.2018	115	29	12	44	0.44	0.11	0.07
08.06.2018	121	39	11	31	0.36	0.12	0.13
12.06.2018	98	24	8	28	0.61	0.27	0.11
14.06.2018	120	44	9	26	0.32	0.24	0.09
19.06.2018	151	31	13	20	0.71	0.28	0.16
21.06.2018	126	49	9	29	0.85	0.32	0.14
26.06.2018	136	36	10	16	0.32	0.21	0.13
29.06.2018	146	26	9	34	0.44	0.21	0.07

TABLE: - 38

Onsite Fugitive Emission Monitoring Results
Location : Thermic Fluid Heater Area
(Period: June 2018)

DATE	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO ₂ (µg/m ³)	Benzene (µg/m ³)	Toluene (µg/m ³)	Xylene (µg/m ³)
05.06.2018	116	36	8	23	0.13	0.09	0.09
08.06.2018	112	25	12	22	0.26	0.08	0.08
12.06.2018	71	32	10	24	0.14	0.06	BDL
14.06.2018	86	22	14	16	0.26	0.07	0.04
19.06.2018	84	41	16	12	0.19	0.03	0.06
21.06.2018	126	36	10	20	0.22	0.02	0.16
26.06.2018	89	31	9	28	0.12	BDL	BDL
29.06.2018	105	36	11	24	0.09	0.07	0.08

For ENVIROTECH EAST (P) LTD.




Envirotech East Pvt. Limited

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

Laboratory Recognised by Ministry of Environment, Forest & Climate Change, 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: eepkol@gmail.com, eepkol2@gmail.com
Web : www.envirotecheast.com

FUGITIVE EMISSION MONITORING RESULTS

Name of Industry	M/s. ALMEGA PAINTS PVT. LTD.						
Address	Village & P.O. Tulshiberia - P.S. -Uluberia, District: Howrah West Bengal						

TABLE: - 39
Onsite Fugitive Emission Monitoring Results
Location : Resin Raw Storage Area
(Period: July 2018)

DATE	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 ($\mu\text{g}/\text{m}^3$)	Benzene ($\mu\text{g}/\text{m}^3$)	Toluene ($\mu\text{g}/\text{m}^3$)	Xylene ($\mu\text{g}/\text{m}^3$)
03.07.2018	105	41	10	36	0.32	0.12	0.06
06.07.2018	108	44	14	32	0.52	0.16	0.04
10.07.2018	90	33	9	31	0.21	0.14	BDL
13.07.2018	110	51	9	44	0.41	0.19	0.16
17.07.2018	88	54	10	39	0.34	0.13	0.09
20.07.2018	114	39	6	38	0.41	0.16	0.13
24.07.2018	118	39	14	24	0.28	0.16	0.10
26.07.2018	83	32	7	37	0.56	0.13	0.11

TABLE: - 40
Onsite Fugitive Emission Monitoring Results
Location : Resin Ground Floor (Blender Area)
(Period: July 2018)

DATE	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 ($\mu\text{g}/\text{m}^3$)	Benzene ($\mu\text{g}/\text{m}^3$)	Toluene ($\mu\text{g}/\text{m}^3$)	Xylene ($\mu\text{g}/\text{m}^3$)
03.07.2018	109	39	14	21	0.28	0.12	0.31
06.07.2018	98	32	8	28	0.27	0.16	0.11
10.07.2018	82	44	9	29	0.28	0.11	0.06
13.07.2018	103	46	7	38	0.54	0.19	0.13
17.07.2018	87	33	14	26	0.44	0.14	BDL
20.07.2018	89	36	18	32	0.53	0.22	0.15
24.07.2018	96	31	13	21	0.48	BDL	BDL
26.07.2018	103	22	10	28	0.39	0.21	0.09

Envirotech East Pvt. Limited

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

Laboratory Recognised by Ministry of Environment, Forest & Climate Change, 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: eepkol@gmail.com, eepkol2@gmail.com
Web : www.envirotecheast.com

TABLE: - 41

Onsite Fugitive Emission Monitoring Results
Location : First Floor of Resin Plant (Reactor Area)
(Period: July 2018)

DATE	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO ₂ (µg/m ³)	Benzene (µg/m ³)	Toluene (µg/m ³)	Xylene (µg/m ³)
03.07.2018	105	36	8	32	0.39	0.11	0.11
06.07.2018	95	39	10	28	0.37	0.13	0.12
10.07.2018	102	44	8	44	0.28	0.13	0.09
13.07.2018	106	49	13	26	0.29	0.19	0.13
17.07.2018	98	16	14	31	0.37	0.13	0.11
20.07.2018	89	31	16	29	0.21	0.16	0.16
24.07.2018	74	32	14	39	0.45	0.14	0.08
26.07.2018	98	43	19	26	0.38	0.11	0.07

TABLE: - 42

Onsite Fugitive Emission Monitoring Results
Location : Thermic Fluid Heater Area
(Period: July 2018)

DATE	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO ₂ (µg/m ³)	Benzene (µg/m ³)	Toluene (µg/m ³)	Xylene (µg/m ³)
03.07.2018	98	31	8	31	0.05	0.07	0.02
06.07.2018	154	36	9	35	0.07	0.06	BDL
10.07.2018	103	42	10	41	0.09	0.08	0.07
13.07.2018	89	35	13	46	0.15	0.02	0.04
17.07.2018	103	28	9	24	0.02	0.04	0.03
20.07.2018	102	42	17	29	0.04	0.12	0.03
24.07.2018	119	29	8	26	0.03	0.05	0.04
26.07.2018	116	36	14	27	0.04	0.02	0.02

For ENVIROTECH EAST (P) LTD.




Envirotech East Pvt. Limited

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

Laboratory Recognised by Ministry of Environment, Forest & Climate Change, 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, eeplkol2@gmail.com
Web : www.envirotecheast.com

FUGITIVE EMISSION MONITORING RESULTS

Name of Industry	M/s. ALMEGA PAINTS PVT. LTD.						
Address	Village & P.O. Tulshiberia - P.S. -Uluberia, District: Howrah West Bengal						

TABLE: - 43
Onsite Fugitive Emission Monitoring Results
Location : Resin Raw Storage Area
(Period: August, 2018)

DATE	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 ($\mu\text{g}/\text{m}^3$)	Benzene ($\mu\text{g}/\text{m}^3$)	Toluene ($\mu\text{g}/\text{m}^3$)	Xylene ($\mu\text{g}/\text{m}^3$)
03.08.2018	107	32	10	38	0.39	0.10	0.11
07.08.2018	109	36	8	39	0.29	0.11	0.10
10.08.2018	110	48	8	26	0.51	0.22	0.08
13.08.2018	106	39	9	24	0.16	0.14	0.06
17.08.2018	116	54	19	29	0.29	0.11	0.07
21.08.2018	94	32	12	16	0.28	0.14	0.05
24.08.2018	101	26	8	27	0.31	0.19	0.07
28.08.2018	87	18	7	24	0.12	0.10	0.06

TABLE: - 44
Onsite Fugitive Emission Monitoring Results
Location : Resin Ground Floor (Blender Area)
(Period: August, 2018)

DATE	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 ($\mu\text{g}/\text{m}^3$)	Benzene ($\mu\text{g}/\text{m}^3$)	Toluene ($\mu\text{g}/\text{m}^3$)	Xylene ($\mu\text{g}/\text{m}^3$)
03.08.2018	106	31	12	42	0.22	0.12	BDL
07.08.2018	109	34	9	36	0.41	0.18	0.16
10.08.2018	98	33	10	34	0.28	0.11	0.10
13.08.2018	106	46	11	44	0.35	0.16	0.11
17.08.2018	107	36	9	20	0.36	0.13	BDL
21.08.2018	103	31	7	21	0.30	0.16	0.19
24.08.2018	104	32	8	23	0.19	0.13	BDL
28.08.2018	97	34	9	27	0.45	0.17	0.09

Envirotech East Pvt. Limited

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

Laboratory Recognised by Ministry of Environment, Forest & Climate Change, 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, eeplkol2@gmail.com
Web : www.envirotecheast.com

TABLE: - 45
Onsite Fugitive Emission Monitoring Results
Location : First Floor of Resin Plant (Reactor Area)
(Period: August, 2018)

DATE	PM₁₀	PM_{2.5}	SO₂	NO₂	Benzene	Toluene	Xylene
	($\mu\text{g}/\text{m}^3$)						
03.08.2018	102	29	6	31	0.16	0.11	0.08
07.08.2018	105	44	8	40	0.17	0.12	0.05
10.08.2018	99	26	9	24	0.18	0.14	BDL
13.08.2018	82	31	14	22	0.23	0.21	0.10
17.08.2018	98	27	12	23	0.24	0.16	0.06
21.08.2018	49	23	13	20	0.24	0.09	0.14
24.08.2018	126	34	9	16	0.22	0.19	0.06
28.08.2018	83	17	12	12	0.26	0.08	BDL

TABLE: - 46
Onsite Fugitive Emission Monitoring Results
Location : Thermic Fluid Heater Area
(Period: August, 2018)

DATE	PM₁₀	PM_{2.5}	SO₂	NO₂	Benzene	Toluene	Xylene
	($\mu\text{g}/\text{m}^3$)						
03.08.2018	106	26	12	39	0.14	0.12	0.09
07.08.2018	109	24	16	44	0.11	0.11	0.08
10.08.2018	97	16	10	51	0.13	0.16	0.07
13.08.2018	72	18	9	46	0.29	0.12	0.04
17.08.2018	81	13	10	39	0.24	0.14	0.06
21.08.2018	86	14	14	24	0.28	0.17	0.03
24.08.2018	94	19	15	23	0.21	0.09	0.02
28.08.2018	105	28	10	26	0.16	0.13	0.04

For ENVIROTECH EAST (P) LTD.




Envirotech East Pvt. Limited

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

Laboratory Recognised by Ministry of Environment, Forest & Climate Change, 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, eeplkol2@gmail.com
Web : www.envirotecheast.com

FUGITIVE EMISSION MONITORING RESULTS

Name of Industry	M/s. ALMEGA PAINTS PVT. LTD.						
Address	Village & P.O. Tulshiberia - P.S. -Uluberia, District: Howrah West Bengal						

TABLE: - 47
Onsite Fugitive Emission Monitoring Results
Location : Resin Raw Storage Area
(Period: September, 2018)

DATE	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 ($\mu\text{g}/\text{m}^3$)	Benzene ($\mu\text{g}/\text{m}^3$)	Toluene ($\mu\text{g}/\text{m}^3$)	Xylene ($\mu\text{g}/\text{m}^3$)
03.09.2018	79	39	9	20	0.18	0.12	0.11
06.09.2018	71	42	12	24	0.16	0.14	0.14
11.09.2018	88	32	9	19	0.12	0.11	0.12
13.09.2018	89	36	14	23	0.39	0.24	0.13
17.09.2018	74	40	12	28	0.24	0.10	0.11
20.09.2018	92	33	10	24	0.26	0.16	0.14
25.09.2018	112	29	9	16	0.31	0.13	0.08
28.09.2018	79	31	7	19	0.37	0.19	0.07

TABLE: - 48
Onsite Fugitive Emission Monitoring Results
Location : Resin Ground Floor (Blender Area)
(Period: September, 2018)

DATE	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 ($\mu\text{g}/\text{m}^3$)	Benzene ($\mu\text{g}/\text{m}^3$)	Toluene ($\mu\text{g}/\text{m}^3$)	Xylene ($\mu\text{g}/\text{m}^3$)
03.09.2018	88	28	11	31	0.08	0.10	0.13
06.09.2018	119	51	10	37	0.19	0.14	0.12
11.09.2018	124	56	11	31	0.18	0.13	BDL
13.09.2018	94	31	14	42	0.16	0.16	0.16
17.09.2018	89	40	19	44	0.24	0.16	BDL
20.09.2018	108	28	10	29	0.18	0.21	0.10
25.09.2018	87	23	9	29	0.15	0.15	BDL
28.09.2018	89	26	8	24	0.12	0.24	0.09

Envirotech East Pvt. Limited

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

Laboratory Recognised by Ministry of Environment, Forest & Climate Change, 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: eepkol@gmail.com, eepkol2@gmail.com
Web : www.envirotecheast.com

TABLE: - 49
Onsite Fugitive Emission Monitoring Results
Location : First Floor of Resin Plant (Reactor Area)
(Period: September, 2018)

DATE	PM₁₀	PM_{2.5}	SO₂	NO₂	Benzene	Toluene	Xylene
	($\mu\text{g}/\text{m}^3$)						
03.09.2018	113	26	12	26	0.18	0.12	0.09
06.09.2018	116	24	11	21	0.12	0.10	0.10
11.09.2018	89	27	9	27	0.23	0.22	0.08
13.09.2018	96	29	13	29	0.14	0.13	0.07
17.09.2018	107	32	13	23	0.32	0.26	0.03
20.09.2018	97	36	14	29	0.26	0.21	0.12
25.09.2018	78	36	9	19	0.17	0.21	0.04
28.09.2018	71	41	10	26	0.19	0.23	0.08

TABLE: - 50
Onsite Fugitive Emission Monitoring Results
Location : Thermic Fluid Heater Area
(Period: September, 2018)

DATE	PM₁₀	PM_{2.5}	SO₂	NO₂	Benzene	Toluene	Xylene
	($\mu\text{g}/\text{m}^3$)						
03.09.2018	92	23	11	29	0.31	0.03	0.07
06.09.2018	97	31	14	26	0.22	0.05	0.06
11.09.2018	102	29	13	21	0.14	0.08	0.05
13.09.2018	109	46	14	22	0.2	0.09	0.02
17.09.2018	116	32	18	34	0.27	0.05	0.03
20.09.2018	89	23	9	37	0.33	0.11	0.04
25.09.2018	84	24	16	18	0.21	BDL	0.08
28.09.2018	87	24	9	18	0.22	0.02	0.04

For ENVIROTECH EAST (P) LTD.




Envirotech East Pvt. Limited

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

Laboratory Recognised by Ministry of Environment, Forest & Climate Change, 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: eepkol@gmail.com, eepkol2@gmail.com
Web : www.envirotecheast.com

FUGITIVE EMISSION MONITORING RESULTS

Name of Industry	M/s. ALMEGA PAINTS PVT. LTD.				
Address	Village & P.O. Tulshiberia - P.S. -Uluberia, District: Howrah West Bengal				

Table-51

Statistical Analysis of Pollutants (Period: April, 2018 To June, 2018)

Pollutants	Locations	MES	Min	Max	A.M.	P - 98
PM₁₀ (µg/m³)	Resin Raw Storage Area	24	88	121	106.1	120.1
	Resin Ground Floor (Blender Area)	24	74	137	104.42	135.62
	First Floor of Resin Plant (Reactor Area)	24	59	174	122.08	168.02
	Thermic Fluid Heater Area	24	69	7384	404.75	4057.74
	Overall	96	59	7384	184.3	3824.4
PM_{2.5} (µg/m³)	Resin Raw Storage Area	24	21	69	39.9	68.1
	Resin Ground Floor (Blender Area)	24	20	53	36.71	52.08
	First Floor of Resin Plant (Reactor Area)	24	24	78	42.42	71.1
	Thermic Fluid Heater Area	24	16	78	34.25	66.04
	Overall	96	16	78	38.3	70.9
SO₂ (µg/m³)	Resin Raw Storage Area	24	8	20	12.5	18.6
	Resin Ground Floor (Blender Area)	24	9	19	11.71	17.62
	First Floor of Resin Plant (Reactor Area)	24	6	16	10.54	16
	Thermic Fluid Heater Area	24	7	16	11.29	16
	Overall	96	6	20	11.5	18.6
NO₂ (µg/m³)	Resin Raw Storage Area	24	21	46	32.4	42.8
	Resin Ground Floor (Blender Area)	24	24	47	35.50	46.54
	First Floor of Resin Plant (Reactor Area)	24	16	46	34.79	45.08
	Thermic Fluid Heater Area	24	12	39	24.42	36.7
	Overall	96	12	47	31.8	46.5

Envirotech East Pvt. Limited

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

Laboratory Recognised by Ministry of Environment, Forest & Climate Change, 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: eepkol@gmail.com, eepkol2@gmail.com
Web : www.envirotecheast.com

Table-51		Statistical Analysis of Pollutants				
		(Period: April, 2018 To June, 2018)				
Pollutants	Locations	MES	Min	Max	A.M.	P - 98
Benzene ($\mu\text{g}/\text{m}^3$)	Resin Raw Storage Area	24	0.31	0.77	0.54	0.76
	Resin Ground Floor (Blender Area)	24	0.28	0.77	0.52	0.77
	First Floor of Resin Plant (Reactor Area)	24	0.24	0.85	0.52	0.81
	Thermic Fluid Heater Area	24	0.09	0.35	0.22	0.35
	Overall	96	0.09	0.85	0.45	0.81
Toluene ($\mu\text{g}/\text{m}^3$)	Resin Raw Storage Area	24	0.10	0.45	0.29	0.44
	Resin Ground Floor (Blender Area)	24	0.12	0.56	0.32	0.54
	First Floor of Resin Plant (Reactor Area)	24	0.11	0.6	0.28	0.56
	Thermic Fluid Heater Area	24	0.02	0.16	0.11	0.16
	Overall	96	0.02	0.60	0.25	0.56
Xylene ($\mu\text{g}/\text{m}^3$)	Resin Raw Storage Area	24	0.1	0.24	0.15	0.23
	Resin Ground Floor (Blender Area)	24	0.09	0.32	0.17	0.31
	First Floor of Resin Plant (Reactor Area)	24	0.07	0.31	0.16	0.29
	Thermic Fluid Heater Area	24	0.02	0.4	0.11	0.33
	Overall	96	0.02	0.40	0.15	0.33

For ENVIROTECH EAST (P) LTD.

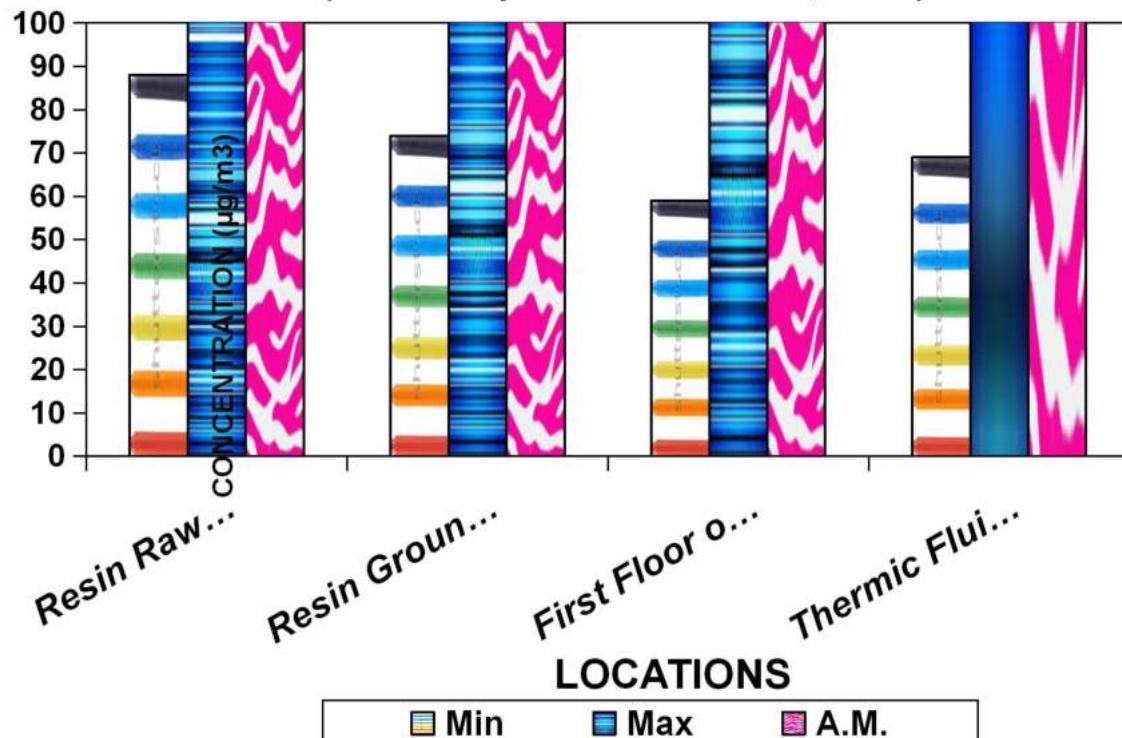



Envirotech East Pvt. Limited

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

Laboratory Recognised by Ministry of Environment, Forest & Climate Change, 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: eepkol@gmail.com, eepkol2@gmail.com
Web : www.envirotecheast.com

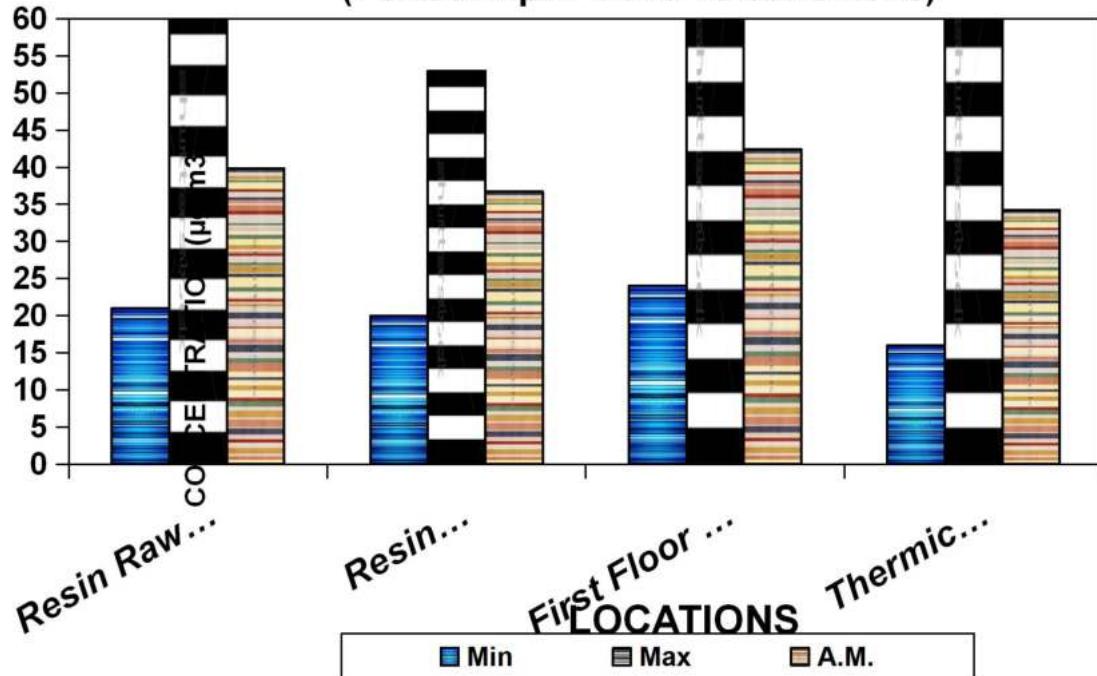
STATISTICAL ANALYSIS RESULTS OF PM10
(Period: April 2018 To June, 2018)

Envirotech East Pvt. Limited

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

Laboratory Recognised by Ministry of Environment, Forest & Climate Change, 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, eeplkol2@gmail.com
Web :www.envirotecheast.com

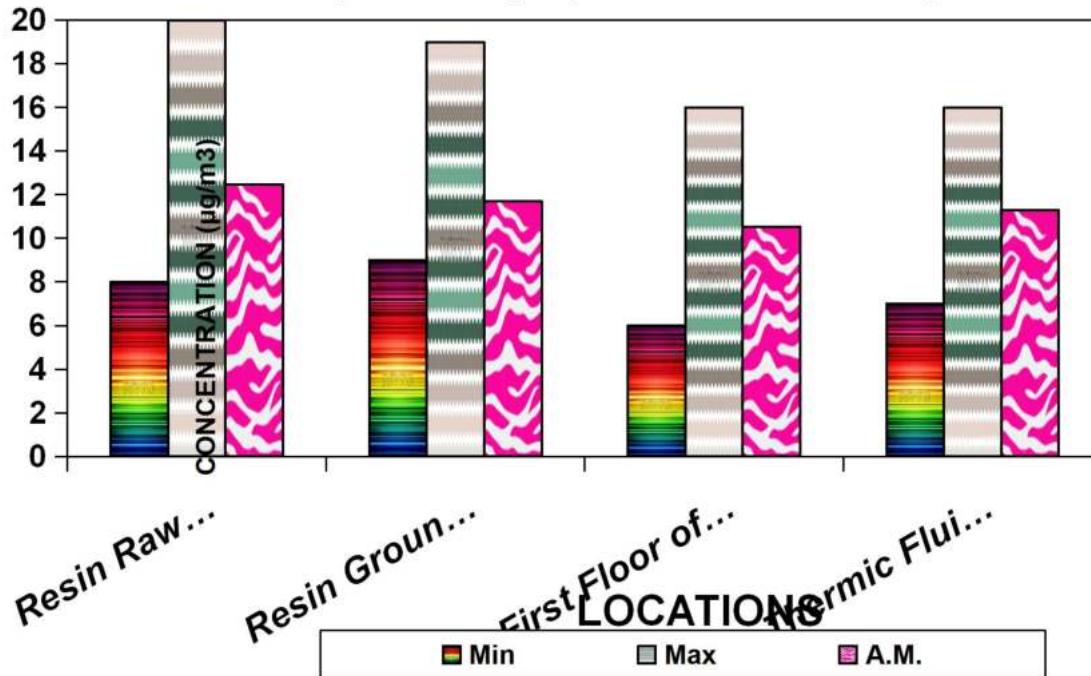
STATISTICAL ANALYSIS RESULTS OF PM_{2.5}
(Period: April 2018 To June 2018)

Envirotech East Pvt. Limited

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

Laboratory Recognised by Ministry of Environment, Forest & Climate Change, 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: eepkol@gmail.com, eepkol2@gmail.com
Web : www.envirotecheast.com

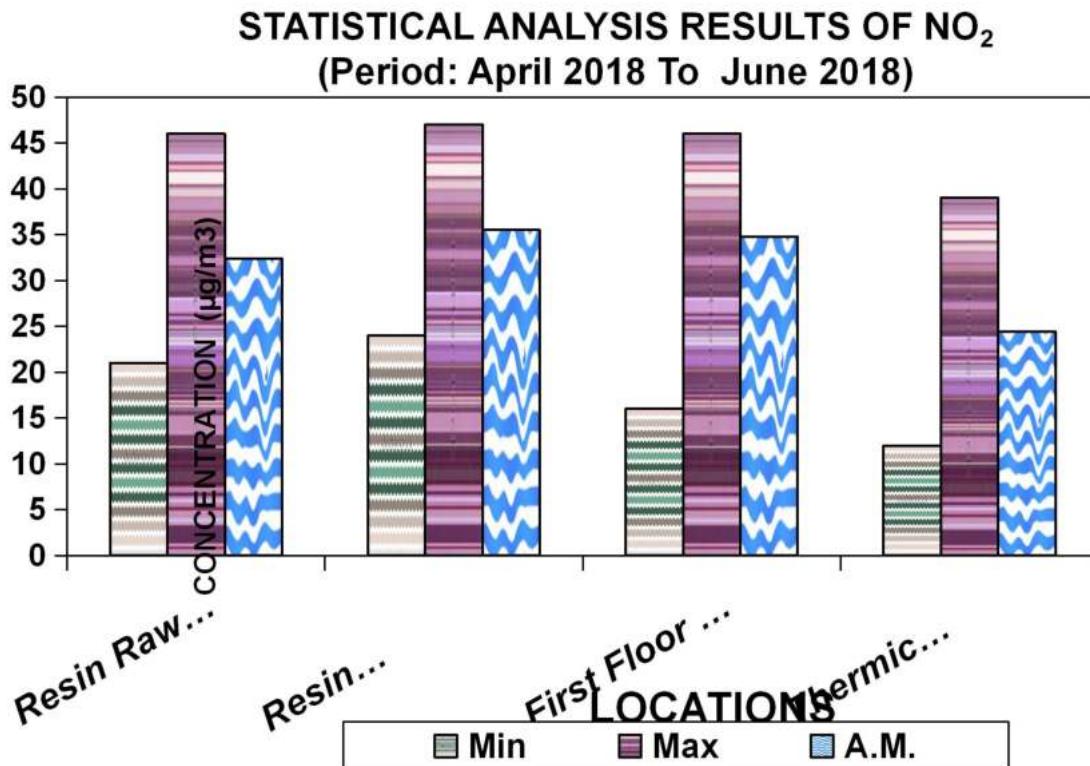
STATISTICAL ANALYSIS RESULTS OF SO₂
(Period: April, 2018 To June 2018)

Envirotech East Pvt. Limited

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

Laboratory Recognised by Ministry of Environment, Forest & Climate Change, 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: eepkol@gmail.com, eepkol2@gmail.com
Web :www.envirotecheast.com



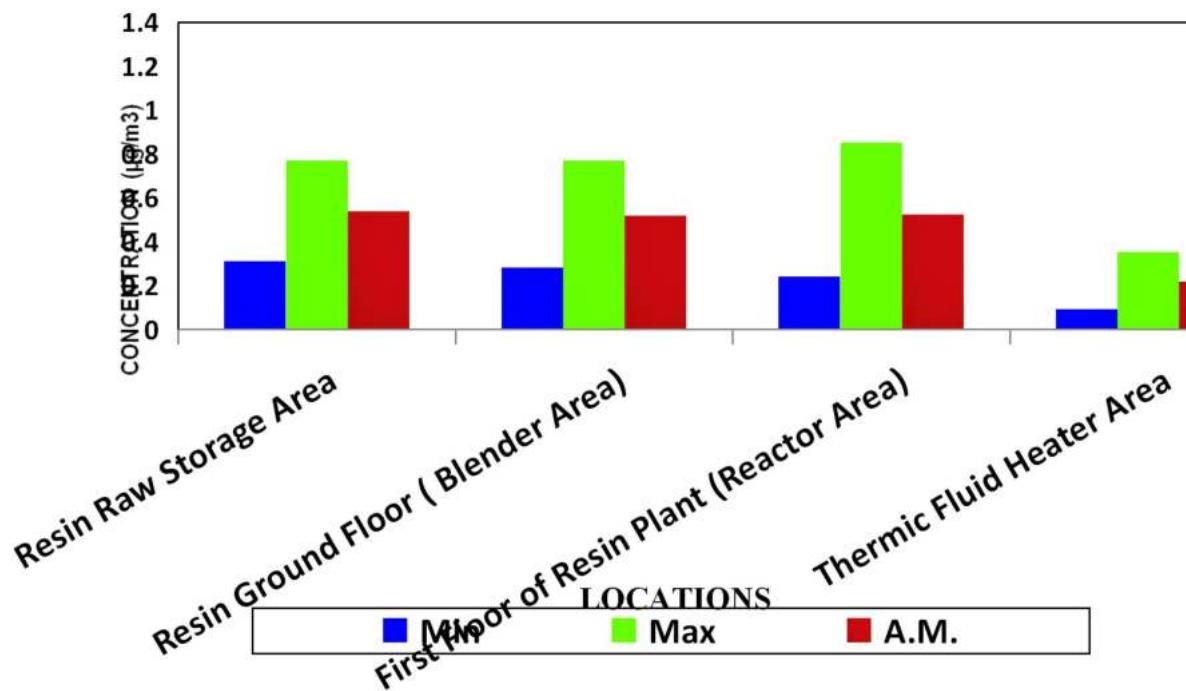
Envirotech East Pvt. Limited

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

Laboratory Recognised by Ministry of Environment, Forest & Climate Change, 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: eepkol@gmail.com, eepkol2@gmail.com
Web : www.envirotecheast.com

STATISTICAL ANALYSIS RESULTS OF Benzene (Period: April 2018 To June 2018)

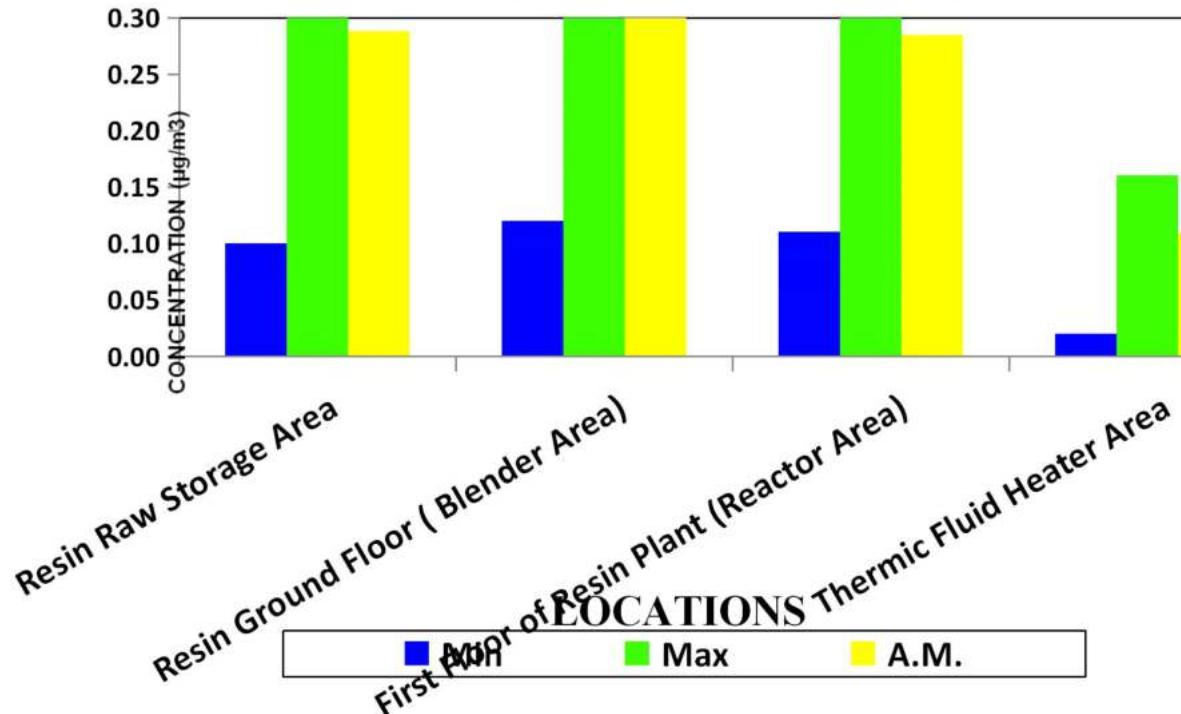


Envirotech East Pvt. Limited

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

Laboratory Recognised by Ministry of Environment, Forest & Climate Change, Govt. of India

Bengal Ambuja Commercial Complex,
UN-F 13, 1050/1, Survey Park, Kolkata – 700 075
Ph – 2418 8127/8128/8601; Fax – 2418 8128; email: eepkol@gmail.com, eepkol2@gmail.com
Web : www.envirotecheast.com

STATISTICAL ANALYSIS RESULTS OF Toluene
(Period: April, 2018 To June, 2018)

Envirotech East Pvt. Limited

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

Laboratory Recognised by Ministry of Environment, Forest & Climate Change, 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: eepkol@gmail.com, eepkol2@gmail.com
Web : www.envirotecheast.com

Name of Industry	M/s. ALMEGA PAINTS PVT. LTD.				
Address	Village & P.O. Tulshiberia - P.S. -Uluberia, District: Howrah West Bengal				

Table-52		Statistical Analysis of Pollutants				
		(Period: July, 2018 To September, 2018)				
Pollutants	Locations	MES	Min	Max	A.M.	P - 98
PM₁₀ (µg/m³)	Resin Raw Storage Area	24	71	118	97.1	117.1
	Resin Ground Floor (Blender Area)	24	82	124	99.79	121.7
	First Floor of Resin Plant (Reactor Area)	24	49	126	94.92	121.4
	Thermic Fluid Heater Area	24	72	154	100.42	137.9
	Overall	96	49	154	98.1	136.9
PM_{2.5} (µg/m³)	Resin Raw Storage Area	24	18	54	37.5	54.0
	Resin Ground Floor (Blender Area)	24	22	56	35.13	53.7
	First Floor of Resin Plant (Reactor Area)	24	16	49	32.17	46.7
	Thermic Fluid Heater Area	24	13	46	27.88	44.16
	Overall	96	13	56	33.2	54.0
SO₂ (µg/m³)	Resin Raw Storage Area	24	6	19	10.1	16.7
	Resin Ground Floor (Blender Area)	24	7	19	10.83	18.54
	First Floor of Resin Plant (Reactor Area)	24	6	19	11.50	17.62
	Thermic Fluid Heater Area	24	8	18	12.00	17.54
	Overall	96	6	19	11.1	18.5
NO₂ (µg/m³)	Resin Raw Storage Area	24	16	44	28.2	41.7
	Resin Ground Floor (Blender Area)	24	20	44	30.71	44
	First Floor of Resin Plant (Reactor Area)	24	12	44	26.79	42.16
	Thermic Fluid Heater Area	24	18	51	31.50	48.7
	Overall	96	12	51	29.3	48.4

Envirotech East Pvt. Limited

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

Laboratory Recognised by Ministry of Environment, Forest & Climate Change, 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, eeplkol2@gmail.com
Web : www.envirotecheast.com

Table-52

**Statistical Analysis of Pollutants
(Period: July, 2018 To September, 2018)**

Pollutants	Locations	MES	Min	Max	A.M.	P - 98
Benzene ($\mu\text{g}/\text{m}^3$)	Resin Raw Storage Area	24	0.12	0.56	0.31	0.54
	Resin Ground Floor (Blender Area)	24	0.08	0.54	0.29	0.54
	First Floor of Resin Plant (Reactor Area)	24	0.12	0.45	0.25	0.42
	Thermic Fluid Heater Area	24	0.02	0.33	0.16	0.32
	Overall	96	0.02	0.56	0.26	0.54
Toluene ($\mu\text{g}/\text{m}^3$)	Resin Raw Storage Area	24	0.10	0.24	0.15	0.23
	Resin Ground Floor (Blender Area)	24	0.1	0.24	0.16	0.23
	First Floor of Resin Plant (Reactor Area)	24	0.08	0.26	0.15	0.25
	Thermic Fluid Heater Area	24	0.02	0.17	0.08	0.17
	Overall	96	0.02	0.26	0.13	0.25
Xylene ($\mu\text{g}/\text{m}^3$)	Resin Raw Storage Area	24	0.04	0.16	0.10	0.15
	Resin Ground Floor (Blender Area)	24	0.06	0.31	0.13	0.27
	First Floor of Resin Plant (Reactor Area)	24	0.03	0.16	0.09	0.15
	Thermic Fluid Heater Area	24	0.02	0.09	0.05	0.09
	Overall	96	0.02	0.31	0.09	0.27

For ENVIROTECH EAST (P) LTD.



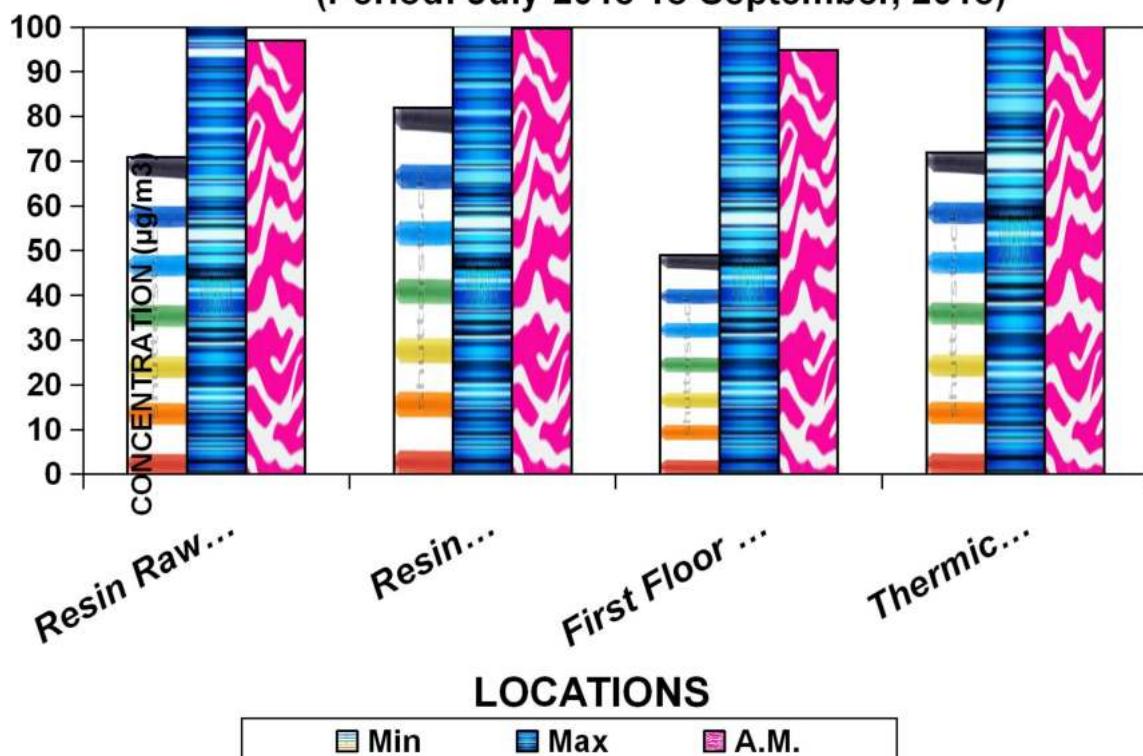

Envirotech East Pvt. Limited

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

Laboratory Recognised by Ministry of Environment, Forest & Climate Change, 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: eepkol@gmail.com, eepkol2@gmail.com
Web : www.envirotecheast.com

STATISTICAL ANALYSIS RESULTS OF PM10 (Period: July 2018 To September, 2018)

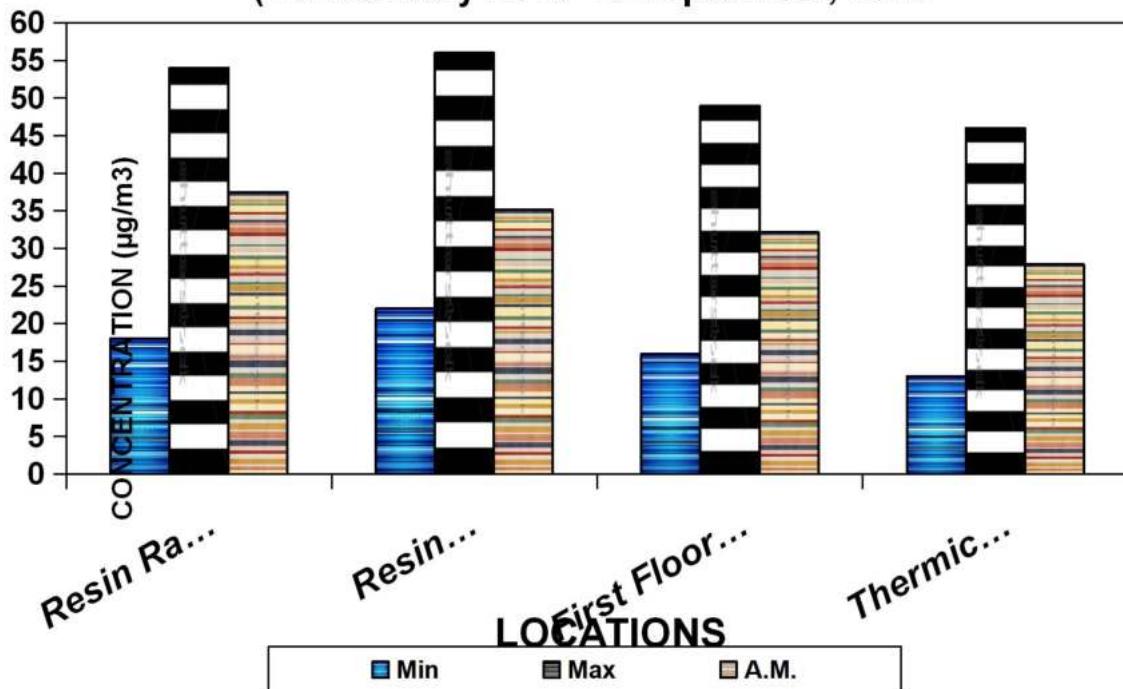


Envirotech East Pvt. Limited

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

Laboratory Recognised by Ministry of Environment, Forest & Climate Change, 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: eepkol@gmail.com, eepkol2@gmail.com
Web :www.envirotecheast.com

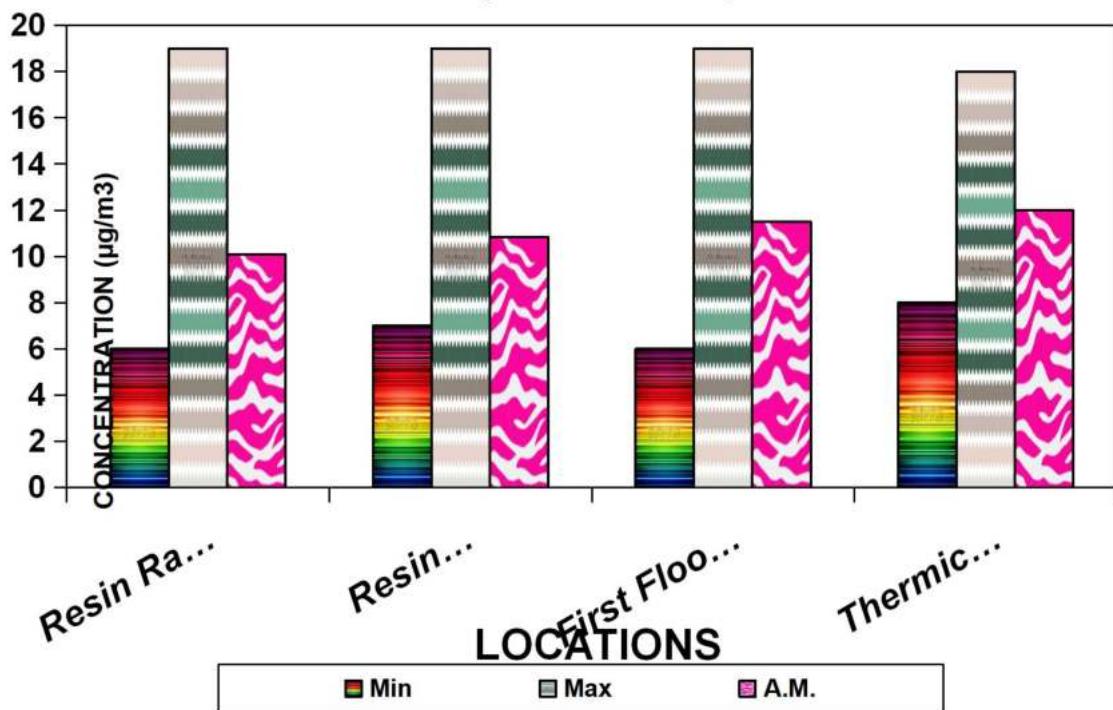
STATISTICAL ANALYSIS RESULTS OF PM_{2.5}
(Period: July 2018 To September, 2018)

Envirotech East Pvt. Limited

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

Laboratory Recognised by Ministry of Environment, Forest & Climate Change, 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: eepkol@gmail.com, eepkol2@gmail.com
Web :www.envirotecheast.com

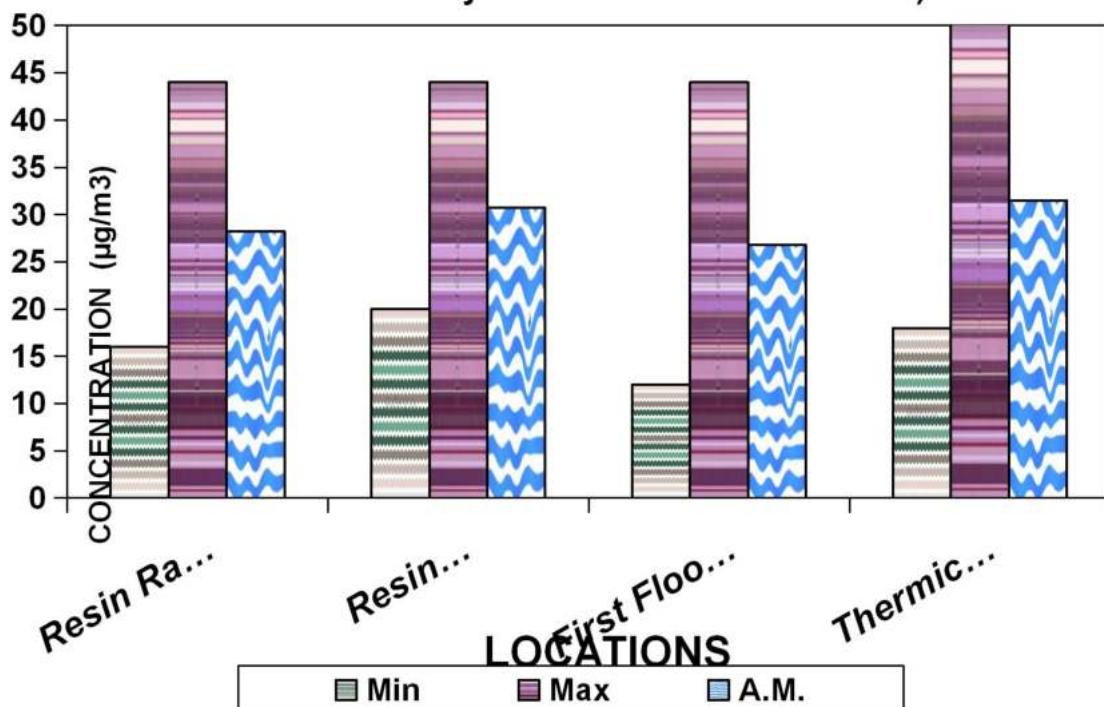
STATISTICAL ANALYSIS RESULTS OF SO₂
Period: July, 2018 To September, 2018

Envirotech East Pvt. Limited

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

Laboratory Recognised by Ministry of Environment, Forest & Climate Change, 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: eepkol@gmail.com, eepkol2@gmail.com
Web : www.envirotecheast.com

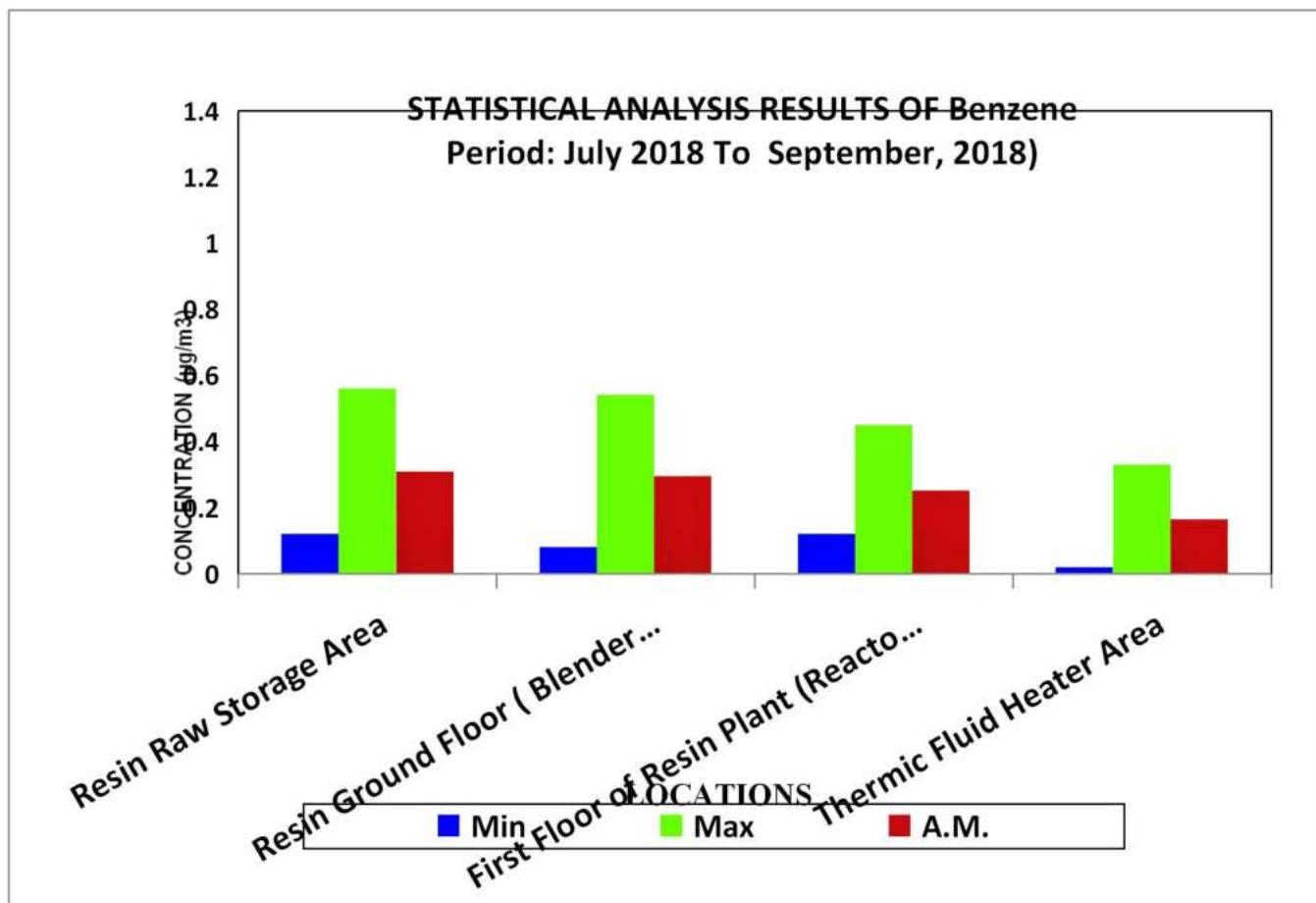
STATISTICAL ANALYSIS RESULTS OF NO₂
Period: July 2018 To Setember 2018)

Envirotech East Pvt. Limited

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

Laboratory Recognised by Ministry of Environment, Forest & Climate Change, 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: eepkol@gmail.com, eepkol2@gmail.com
Web : www.envirotecheast.com

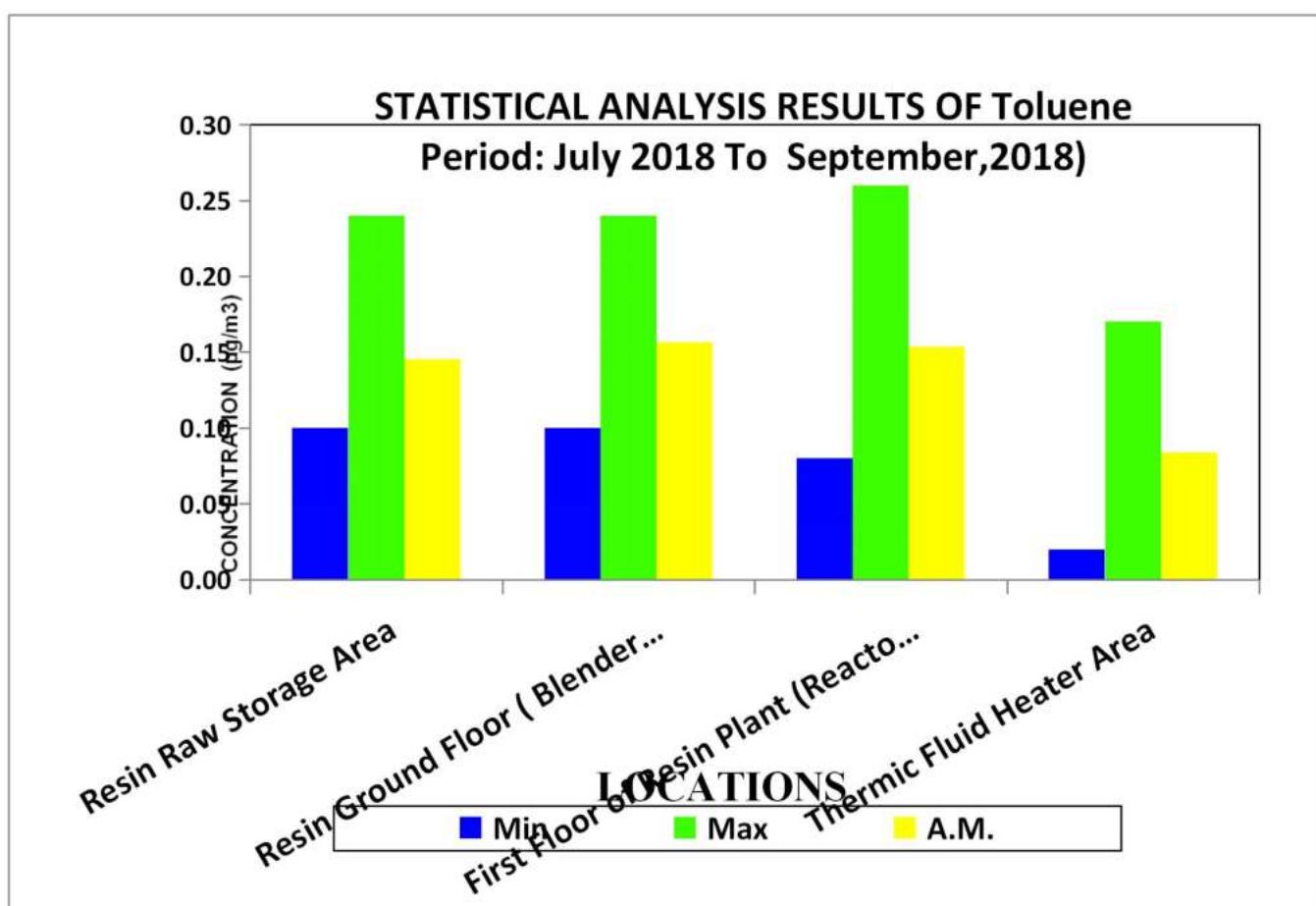


Envirotech East Pvt. Limited

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

Laboratory Recognised by Ministry of Environment, Forest & Climate Change, 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: eepkol@gmail.com, eepkol2@gmail.com
Web : www.envirotecheast.com



Envirotech East Pvt. Limited

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

Laboratory Recognised by Ministry of Environment, Forest & Climate Change, 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: eepkol@gmail.com, eepkol2@gmail.com
Web : www.envirotecheast.com

AMBIENT NOISE MONITORING RESULTS

Name of Industry	M/s. ALMEGA PAINTS PVT. LTD.
Address	Village & P.O. Tulshiberia - P.S. -Uluberia, District: Howrah West Bengal

Equivalent Noise Level in the Study Area, in dB(A) Month: April, 2018

SL.NO.	Location	DAY TIME	NIGHT TIME
		Leq- dB (A)	Leq- dB (A)
1	Near Project Site	55.6	48.3
2	Abhirampur	54.4	42.8
3	Amra	58.3	45.6
4	Sherpur	56.7	48.2

Equivalent Noise Level in the Study Area, in dB(A) Month: May, 2018

SL.NO.	Location	DAY TIME	NIGHT TIME
		Leq- dB (A)	Leq- dB (A)
1	Near Project Site	54.3	44.6
2	Abhirampur	55.6	42.4
3	Amra	56.4	46.6
4	Sherpur	55.3	45.4

Equivalent Noise Level in the Study Area, in dB(A) Month: June, 2018

SL.NO.	Location	DAY TIME	NIGHT TIME
		Leq- dB (A)	Leq- dB (A)
1	Near Project Site	52.3	44.3
2	Abhirampur	57.4	49.6
3	Amra	55.8	46.4
4	Sherpur	52.6	50.2

For ENVIROTECH EAST (P) LTD.




Envirotech East Pvt. Limited

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

Laboratory Recognised by Ministry of Environment, Forest & Climate Change, 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, eeplkol2@gmail.com
Web : www.envirotecheast.com

AMBIENT NOISE MONITORING RESULTS

Name of Industry	M/s. ALMEGA PAINTS PVT. LTD.
Address	Village & P.O. Tulshiberia - P.S. -Uluberia, District: Howrah West Bengal

Equivalent Noise Level in the Study Area, in dB(A) Month: July, 2018

SL.NO.	Location	DAY TIME	NIGHT TIME
		Leq- dB (A)	Leq- dB (A)
1	Near Project Site	56.2	48.3
2	Abhirampur	56.8	51.7
3	Amta	54.2	50.2
4	Sherpur	59.3	48.3

Equivalent Noise Level in the Study Area, in dB(A) Month: August, 2018

SL.NO.	Location	DAY TIME	NIGHT TIME
		Leq- dB (A)	Leq- dB (A)
1	Near Project Site	57.3	47.2
2	Abhirampur	53.1	48.3
3	Amta	55.6	44.6
4	Sherpur	52.4	50.3

Equivalent Noise Level in the Study Area, in dB(A) Month: September, 2018

SL.NO.	Location	DAY TIME	NIGHT TIME
		Leq- dB (A)	Leq- dB (A)
1	Near Project Site	55.6	47.4
2	Abhirampur	62.8	48.2
3	Amta	55.2	45.6
4	Sherpur	52.6	47.5

For ENVIROTECH EAST (P) LTD.




Envirotech East Pvt. Limited

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

Laboratory Recognised by Ministry of Environment, Forest & Climate Change, 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: eepkol@gmail.com, eepkol2@gmail.com
Web : www.envirotecheast.com

EFFLUENT WATER ANALYSIS REPORT

Name of Industry	M/s. ALMEGA PAINTS PVT. LTD.
Address	Village & P.O. Tulshiberia - P.S. -Uluberia, District: Howrah West Bengal
Sampling Location	Before ETP

RESULT OF SAMPLE

Sl. No.	Parameters	Unit	Concentrations		
			April, 2018	May, 2018	June, 2018
1	pH	-	5.6	5.3	6.2
2	TSS	mg/L	239	274	281
3	BOD (3 days at 27°C)	mg/L	646	689	716
4	COD	mg/L	2487	3015	3429
5	Oil & Grease	mg/L	21	26	19
6	Phenolic Compound (as C ₆ H ₅ OH)	mg/L	1.8	2.8	1.7
7	Lead (as Pb)	mg/L	0.8	0.6	0.6
8	Hexavalent Chromium (as Cr ⁺⁶)	mg/L	0.74	0.71	0.28
9	Chromium (as Cr)	mg/L	12.3	8.4	6.9
10	Copper (sa Cu)	mg/L	4.6	4.2	4.7
11	Nickel (as Ni)	mg/L	4.8	3.6	4.2
12	Znic (as Zn)	mg/L	6.9	7.1	7.2

Contents of this report are meant for your guidance and should not be used for Advertisement, Evidence or Litigation

For ENVIROTECH EAST (P) LTD.




Envirotech East Pvt. Limited

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

Laboratory Recognised by Ministry of Environment, Forest & Climate Change, 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: eepkol@gmail.com, eepkol2@gmail.com
Web : www.envirotecheast.com

EFFLUENT WATER ANALYSIS REPORT

Name of Industry	M/s. ALMEGA PAINTS PVT. LTD.		
Address	Village & P.O. Tulshiberia - P.S. -Uluberia, District: Howrah West Bengal		
Sampling Location	Before ETP		

RESULT OF SAMPLE

SI. No.	Parameters	Unit	Concentrations		
			July, 2018	August, 2018	September, 2018
1	pH	-	5.7	5.3	5.5
2	TSS	mg/L	136	128	145
3	BOD (3 days at 27°C)	mg/L	582	613	533
4	COD	mg/L	3084	3229	2845
5	Oil & Grease	mg/L	21	24	18
6	Phenolic Compound (as C ₆ H ₅ OH)	mg/L	1.8	1.6	1.5
7	Lead (as Pb)	mg/L	0.4	0.5	0.5
8	Hexavalent Chromium (as Cr ⁺⁶)	mg/L	0.2	0.3	0.2
9	Chromium (as Cr)	mg/L	5.2	5.7	4.8
10	Copper (sa Cu)	mg/L	4.4	4.8	3.9
11	Nickel (as Ni)	mg/L	3.7	3.9	2.8
12	Znic (as Zn)	mg/L	7.2	7.0	6.5

Contents of this report are meant for your guidance and should not be used for Advertisement, Evidence or Litigation

For ENVIROTECH EAST (P) LTD.




Envirotech East Pvt. Limited

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

Laboratory Recognised by Ministry of Environment, Forest & Climate Change, 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: eepkol@gmail.com, eepkol2@gmail.com
Web : www.envirotecheast.com

EFFLUENT WATER ANALYSIS REPORT

Name of Industry	M/s. ALMEGA PAINTS PVT. LTD.
Address	Village & P.O. Tulshiberia - P.S. -Uluberia, District: Howrah West Bengal
Sampling Location	After ETP

RESULT OF SAMPLE

Sl. No.	Parameter	Unit	Concentrations			Standard
			April' 2018	May' 2018	June' 2018	
1	pH	-	6.8	7.1	6.8	6.0-8.5
2	TSS	mg/L	64	73	62	100
3	BOD (3 days at 27°C)	mg/L	21	24	21	50
4	COD	mg/L	173	166	154	250
5	Oil & Grease	mg/L	6	4	3	10
6	Phenolic Compound (as C ₆ H ₅ OH)	mg/L	0.5	0.4	0.2	1.0
7	Lead (as Pb)	mg/L	<005	<005	<005	0.1
8	Hexavalent Chromium (as Cr ⁺⁶)	mg/L	<005	<005	<005	0.1
9	Chromium (as Cr)	mg/L	0.5	0.3	0.6	2.0
10	Copper (sa Cu)	mg/L	1.4	1.2	1.4	2.0
11	Nickel (as Ni)	mg/L	0.3	0.5	0.2	2.0
12	Znic (as Zn)	mg/L	1.6	1.7	2.1	5.0

Contents of this report are meant for your guidance and should not be used for Advertisement, Evidence or Litigation

For ENVIROTECH EAST (P) LTD.




Envirotech East Pvt. Limited

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

Laboratory Recognised by Ministry of Environment, Forest & Climate Change, 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: eepkol@gmail.com, eepkol2@gmail.com
Web : www.envirotecheast.com

EFFLUENT WATER ANALYSIS REPORT

Name of Industry	M/s. ALMEGA PAINTS PVT. LTD.		
Address	Village & P.O. Tulshiberia - P.S. -Uluberia, District: Howrah West Bengal		
Sampling Location	After ETP		

RESULT OF SAMPLE

Sl. No.	Parameters	Unit	Concentrations			Standard
			July, 2018	August, 2018	September, 2018	
1	pH	-	6.6	6.9	6.8	6.0-8.5
2	TSS	mg/L	68	71	76	100
3	BOD (3 days at 27°C)	mg/L	25	22	23	50
4	COD	mg/L	141	154	175	250
5	Oil & Grease	mg/L	6	4	5	10
6	Phenolic Compound (as C ₆ H ₅ OH)	mg/L	0.5	0.4	0.7	1.0
7	Lead (as Pb)	mg/L	BDL	BDL	BDL	0.1
8	Hexavalent Chromium (as Cr ⁺⁶)	mg/L	BDL	BDL	BDL	0.1
9	Chromium (as Cr)	mg/L	0.9	0.7	1.2	2.0
10	Copper (sa Cu)	mg/L	1.2	1.1	0.9	2.0
11	Nickel (as Ni)	mg/L	0.4	0.3	0.5	2.0
12	Znic (as Zn)	mg/L	2.2	1.8	2.6	5.0

Contents of this report are meant for your guidance and should not be used for Advertisement, Evidence or Litigation

For ENVIROTECH EAST (P) LTD.




Envirotech East Pvt. Limited

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

Laboratory Recognised by Ministry of Environment, Forest & Climate Change, 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: eepkol@gmail.com, eepkol2@gmail.com
Web : www.envirotecheast.com

DOMESTIC WASTE WATER ANALYSIS REPORT

Name of Industry	M/s. ALMEGA PAINTS PVT. LTD.
Address	Village & P.O. Tulshiberia - P.S. -Uluberia, District: Howrah West Bengal
Sampling Location	Domestic Outlet

RESULT OF SAMPLE

Sl. No.	Parameter	Unit	Concentrations			Standard
			April' 2018	May' 2018	June' 2018	
1	pH	-	7.2	7.1	6.9	6.0-8.5
2	TSS	mg/L	66	59	71	100
3	BOD (3 days at 27°C)	mg/L	19	21	23	50
4	COD	mg/L	102	118	126	250
5	Oil & Grease	mg/L	4	6	6	10

Contents of this report are meant for your guidance and should not be used for Advertisement, Evidence or Litigation

For ENVIROTECH EAST (P) LTD.




Envirotech East Pvt. Limited

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

Laboratory Recognised by Ministry of Environment, Forest & Climate Change, 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: eepkol@gmail.com, eepkol2@gmail.com
Web : www.envirotecheast.com

DOMESTIC WASTE WATER ANALYSIS REPORT

Name of Industry	M/s. ALMEGA PAINTS PVT. LTD.
Address	Village & P.O. Tulshiberia, P.S. Uluberia, District: Howrah, West Bengal
Sampling Location	Domestic Outlet

RESULT OF SAMPLE

Sl. No.	Parameter	Unit	Concentrations			Standard
			July, 2018	August, 2018	September, 2018	
1	pH	-	6.8	7.0	6.9	6.0-8.5
2	TSS	mg/L	81	74	77	100
3	BOD (3 days at 27°C)	mg/L	21	23	19	50
4	COD	mg/L	90	109	105	250
5	Oil & Grease	mg/L	3	6	4	10

Contents of this report are meant for your guidance and should not be used for Advertisement, Evidence or Litigation

For ENVIROTECH EAST (P) LTD.




Envirotech East Pvt. Limited

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

Laboratory Recognised by Ministry of Environment, Forest & Climate Change, Govt. of India

Laboratory Recognised by West Bengal Pollution Control Board

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, eeplkol2@gmail.com

No. 2018-19/EEPL/MON/413

23.08.2018

ANALYSIS REPORT OF FLUE GAS

Name of Industry	M/s. Almega Paints Pvt. Ltd.
Address	Mouza- Tulsiberia, Tulsiberia Road, P.S- Uluberia, Dist: Howrah, Pin – 711 401
Date of Sampling	26.07.2018
Time of Sampling	10:10 hrs;

A. General Information about stack			
1	Stack connected to		
2	Emission due to		
3	Material of Construction of Stack		
4	Shape of Stack		
5	Whether Stack is provided with Permanent Platform & Ladders		
6	Capacity		
B. Physical Characteristics of Stack			
1	Height of the stack		
(a)	from Ground Level (m)		
(b)	from Roof Level (m)		
2	Diameter of the stack		
(a)	at bottom (m)		
(b)	at top (m)		
3	Diameter of the stack at sampling point (m)		
4	Height of the sampling point from GL (m)		
C. Analysis/Characteristics of Stack			
1	Fuel used		
2	Fuel consumption		
D. Results of sampling & Analysis of gaseous emission			
	Permissible Limit		
1	Temperature of emission (°C)	128	-
2	Barometric Pressure (mmHg)	751	-
3	Velocity of gas in duct (M/sec)	7.11	-
4	Quantity of gas flow (Nm ³ /hr)	5247	-
5	Concentration of SO ₂ (mg/Nm ³)	46	-
6	Concentration of NO _x (mg/Nm ³)	17	-
7	Concentration of CO (% V/V)	-	-
8	Concentration of CO ₂ (% V/V)	6.2	-
9	Concentration of PM (mg/Nm ³)	76	150
E. Pollution Control Device			
Details of pollution control device attached with the stack			
None			
F. Remarks: The stack has connected to 2 Nos. TFH both are common chimney, at the time of sampling No. 1 was running & another was shut down. The physical information about stack is provided by respective industry.			

For ENVIROTECH EAST (P) LTD.



(Authorized Signatory)



Envirotech East Pvt. Limited

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

Laboratory Recognised by Ministry of Environment, Forest & Climate Change, Govt. of India

Laboratory Recognised by West Bengal Pollution Control Board

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, eeplkol2@gmail.com

No. 2018-19/EEPL/MON/414

23.08.2018

ANALYSIS REPORT OF FLUE GAS

Name of Industry	M/s. Almega Paints Pvt. Ltd.
Address	Mouza- Tulsiberia, Tulsiberia Road, P.S- Uluberia, Dist: Howrah, Pin – 711 401
Date of Sampling	26.07.2018
Time of Sampling	12:45 hrs;

A. General Information about stack			
1	Stack connected to		
2	Emission due to		
3	Material of Construction of Stack		
4	Shape of Stack		
5	Whether Stack is provided with Permanent Platform & Ladders		
6	Capacity		
B. Physical Characteristics of Stack			
1	Height of the stack		
(a)	from Ground Level (m)		
(b)	from Roof Level (m)		
2	Diameter of the stack		
(a)	at bottom (m)		
(b)	at top (m)		
3	Diameter of the stack at sampling point (m)		
4	Height of the sampling point from GL (m)		
C. Analysis/Characteristics of Stack			
1	Fuel used		
2	Fuel consumption		
D. Results of sampling & Analysis of gaseous emission			
	Permissible Limit		
1	Temperature of emission (°C)	122	-
2	Barometric Pressure (mmHg)	751	-
3	Velocity of gas in duct (M/sec)	6.69	-
4	Quantity of gas flow (Nm ³ /hr)	5012	-
5	Concentration of SO ₂ (mg/Nm ³)	48	-
6	Concentration of NO _x (mg/Nm ³)	19	-
7	Concentration of CO (% V/V)	-	-
8	Concentration of CO ₂ (% V/V)	6.0	-
9	Concentration of PM (mg/Nm ³)	71	150
E. Pollution Control Device			
	Details of pollution control device attached with the stack	None	
F. Remarks: The stack has connected to 2 Nos. TFH both are common chimney, at the time of sampling No. 2 was running & another was shut down. The physical information about stack is provided by respective industry.			

For ENVIROTECH EAST (P) LTD.



(Authorized Signatory)



Envirotech East Pvt. Limited

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

Laboratory Recognised by Ministry of Environment, Forest & Climate Change, Govt. of India

Laboratory Recognised by West Bengal Pollution Control Board

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, eeplkol2@gmail.com

No. 2018-19/EEPL/MON/173

17.04.2018

ANALYSIS REPORT OF FLUE GAS

Name of Industry	M/s. Almega Paints Pvt. Ltd.
Address	Mouza- Tulsiberia, Tulsiberia Road, P.S- Uluberia, Dist: Howrah, Pin – 711 401
Date of Sampling	28.03.2018
Time of Sampling	10:20 hrs;

A. General Information about stack		
1	Stack connected to	Thermic Fluid Heater (No. 1)
2	Emission due to	Burning of H.S.D
3	Material of Construction of Stack	M.S
4	Shape of Stack	Circular
5	Whether Stack is provided with Permanent Platform & Ladders	Permanent
6	Capacity	6 Lac K-cal/hr.
B. Physical Characteristics of Stack		
1	Height of the stack	
	(a) from Ground Level (m)	30.0
	(b) from Roof Level (m)	-
2	Diameter of the stack	
	(a) at bottom (m)	-
	(b) at top (m)	-
3	Diameter of the stack at sampling point (m)	0.60
4	Height of the sampling point from GL (m)	7.0
C. Analysis/Characteristics of Stack		
1	Fuel used	H.S.D
2	Fuel consumption	35 Ltr/hr
D. Results of sampling & Analysis of gaseous emission		
		Permissible Limit
1	Temperature of emission (°C)	148
2	Barometric Pressure (mmHg)	755
3	Velocity of gas in duct (M/sec)	6.73
4	Quantity of gas flow (Nm ³ /hr)	4752
5	Concentration of SO ₂ (mg/Nm ³)	35
6	Concentration of NO _x (mg/Nm ³)	13
7	Concentration of CO (% V/V)	-
8	Concentration of CO ₂ (% V/V)	6.4
9	Concentration of PM (mg/Nm ³)	68 150
E. Pollution Control Device		
Details of pollution control device attached with the stack		None
F. Remarks: The stack has connected to 2 Nos. TFH both are common chimney, at the time of sampling No. 1 was running & another was shut down. The physical information about stack is provided by respective industry.		

For ENVIROTECH EAST (P) LTD.



(Authorized Signatory)



Envirotech East Pvt. Limited

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

Laboratory Recognised by Ministry of Environment, Forest & Climate Change, Govt. of India

Laboratory Recognised by West Bengal Pollution Control Board

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, eeplkol2@gmail.com

No. 2018-19/EEPL/MON/174

17.04.2018

ANALYSIS REPORT OF FLUE GAS

Name of Industry	M/s. Almega Paints Pvt. Ltd.
Address	Mouza- Tulsiberia, Tulsiberia Road, P.S- Uluberia, Dist: Howrah, Pin – 711 401
Date of Sampling	28.03.2018
Time of Sampling	12:35 hrs;

A. General Information about stack			
1	Stack connected to		
2	Emission due to		
3	Material of Construction of Stack		
4	Shape of Stack		
5	Whether Stack is provided with Permanent Platform & Ladders		
6	Capacity		
B. Physical Characteristics of Stack			
1	Height of the stack		
(a)	from Ground Level (m)		
(b)	from Roof Level (m)		
2	Diameter of the stack		
(a)	at bottom (m)		
(b)	at top (m)		
3	Diameter of the stack at sampling point (m)		
4	Height of the sampling point from GL (m)		
C. Analysis/Characteristics of Stack			
1	Fuel used		
2	Fuel consumption		
D. Results of sampling & Analysis of gaseous emission			
	Permissible Limit		
1	Temperature of emission (°C)	142	-
2	Barometric Pressure (mmHg)	755	-
3	Velocity of gas in duct (M/sec)	6.51	-
4	Quantity of gas flow (Nm ³ /hr)	4663	-
5	Concentration of SO ₂ (mg/Nm ³)	39	-
6	Concentration of NO _x (mg/Nm ³)	17	-
7	Concentration of CO (% V/V)	-	-
8	Concentration of CO ₂ (% V/V)	6.2	-
9	Concentration of PM (mg/Nm ³)	62	150
E. Pollution Control Device			
	Details of pollution control device attached with the stack	None	
F. Remarks: The stack has connected to 2 Nos. TFH both are common chimney, at the time of sampling No. 2 was running & another was shut down. The physical information about stack is provided by respective industry.			

For ENVIROTECH EAST (P) LTD.



(Authorized Signatory)

