

MEGHA TECHNICAL & ENGINEERS (PVT.) LIMITED

Ref: MTEPL/EHS/LUM/2022-23/14

Dated: 27/10/2022

To,

The Member Secretary,
Meghalaya State Pollution Control Board
'ARDEN', Lumpynggad,
Shillong, Meghalaya – 793014

Subject : Submission of Environmental Monitoring Report for the month of Sept, 2022.

Reference : MPCB/CON-68(Pt-I)/2006/Pt-I/2022-2023/59, Dtd: Shillong the 29th August, 2022.

Dear Sir,

This is in reference to above cited subject, we are hereby submitting the monthly Environmental monitoring reports of Ambient Air Quality monitoring including meteorological data, Stack Emission, Fugitive Emission, Waste monitoring (Surface, STP) reports of M/s Megha Technical & Engineers Pvt. Ltd. for the month of **Sept, 2022.**

This is for your kind information, record and kindly acknowledge receipt of the same.

Thanking You,

Yours truly,

For **MEGHA TECHNICAL & ENGINEERS PVT. LIMITED**



Laxmaiah Munjala
Unit Head

Enclosed: a/a



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MEGHA TECHNICAL & ENGINEERS PVT. LTD

Lumshnong, Meghalaya

Date (DD-MM-YYYY)	Pressure (mmHg)	Relative Humidity (%)	Temp. (C)	Wind Direction (deg)	Wind Speed- (m/s)	Manual Rain (mm)
01-09-2022	958.04	80.09	27.78	180.42	1.53	2.6
02-09-2022	957.9	83.89	26.91	209.91	1.32	3.5
03-09-2022	958.14	89.78	25.6	220.21	1.06	60.2
04-09-2022	958.4	95.29	24.08	270.01	0.83	29.4
05-09-2022	958.91	96.41	23.98	308.46	1.01	18.0
06-09-2022	959.78	96.47	23.76	272.12	0.87	65.0
07-09-2022	960.4	97.86	23.6	283.88	0.7	30.0
08-09-2022	962.96	99.11	23.28	152.09	1.24	0.0
09-09-2022	963	99.19	23.34	150.25	0.77	0.0
10-09-2022	961.52	83.42	27.69	158.32	1.33	6.0
11-09-2022	960.52	74.81	29.34	133.39	1.81	14.0
12-09-2022	960.3	76.08	29.4	104.41	2.87	7.0
13-09-2022	961.3	96.91	23.47	317.25	0.77	15.0
14-09-2022	962.52	69.98	30.97	145.46	1.34	30.0
15-09-2022	961.99	61.42	33.5	154.44	0.68	28.0
16-09-2022	961.51	60.25	34.21	82.61	1.71	40.0
17-09-2022	958.24	70.24	29.31	347.05	5.13	0.0
18-09-2022	957.91	71.48	29.9	247.63	1.28	2.1
19-09-2022	959.47	82.07	27.26	249.74	0.71	26.6
20-09-2022	962.91	95.86	23.48	269.57	3.22	30.0
21-09-2022	963.23	96.89	23.71	202.09	1.07	33.0
22-09-2022	962.5	98.37	23.3	130.42	0.72	20.0
23-09-2022	963.22	67.35	32.29	172.25	0.93	6.0
24-09-2022	962.51	50.84	35.06	193.15	1.53	0.0
25-09-2022	961.8	49.95	35.07	178.3	1.91	0.0
26-09-2022	960.64	49.32	36.08	202.26	1.61	0.0
27-09-2022	959.5	48.69	35.68	131.51	1.68	0.0
28-09-2022	958.99	46.2	35.81	148.8	2.06	0.0
29-09-2022	958.89	69.95	30.57	319.17	2.58	0.0
30-09-2022	959.4	74.53	29.55	302.38	3.62	0.0
					Total rain of this month	466.4

	MEGHA TECHNICAL ENGINEERING PVT.LTD. Lumshnong, Meghalaya		Reference No.	MTEPL/Env/F – 01
			Issue No.	1
	AMBIENT AIR QUALITY MONITORING REPORT		Date of Issue:	24.08.2013
			Revision No.	5
Reference No.: MTEPL/ENV/AAQM/MONTHLY/2022-23/12			Date of Rev.	01.12.2020
Month: September'22				
Location of Sampling: Near Pump House		GPS Coordinate: 25°10'42"N 92°23'32"E 919 m		
Sampling Duration:	24 Hrs.	24 Hrs.	24 Hrs.	24 Hrs.
Date of Sampling	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO ₂ (µg/m ³)
01.09.2022	48.05	32.30	10.38	14.41
08.09.2022	46.78	30.69	13.32	12.60
10.09.2022	47.17	32.05	10.88	13.88
12.09.2022	51.64	28.58	10.66	10.70
17.09.2022	46.80	27.67	9.93	13.63
23.09.2022	48.55	32.13	11.68	14.36
26.09.2022	49.00	30.54	9.20	10.86
28.09.2022	46.30	29.98	12.68	11.94
NAAQS permissible limits for Rural, Industrial, Residential Area	100 (µg/m ³)	60 (µg/m ³)	80 (µg/m ³)	80 (µg/m ³)
Remarks: All the analyzed parameters are well within the permissible limits of NAAQ Standards , Notification dated 18th November 2009.				
 Analysed by	 Checked by		 Verified By	

	MEGHA TECHNICAL ENGINEERING PVT.LTD. Lumshnong, Meghalaya		Reference No.	MTEPL/Env/F – 01
			Issue No.	1
	AMBIENT AIR QUALITY MONITORING REPORT		Date of Issue:	24.08.2013
			Revision No.	5
			Date of Rev.	01.12.2020
Reference No.: MTEPL/ENV/AAQM/MONTHLY/2022-23/13			Month: September'22	
Location of Sampling: Vishwakarma Colony		GPS Coordinate: 25°10'46"N 92°23'17"E 552 m		
Sampling Duration:	24 Hrs.	24 Hrs.	24 Hrs.	24 Hrs.
Date of Sampling	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO ₂ (µg/m ³)
01.09.2022	45.09	28.71	12.96	14.36
08.09.2022	47.18	33.75	10.68	11.61
10.09.2022	46.80	29.67	12.93	16.71
12.09.2022	48.49	28.71	11.68	13.01
17.09.2022	46.37	32.13	14.00	14.74
23.09.2022	49.44	32.03	10.93	16.00
26.09.2022	49.80	30.38	9.78	13.70
28.09.2022	47.40	29.63	13.36	13.94
NAAQS permissible limits for Rural, Industrial, Residential Area	100 (µg/m ³)	60 (µg/m ³)	80 (µg/m ³)	80 (µg/m ³)
Remarks: All the analyzed parameters are well within the permissible limits of NAAQ Standards , Notification dated 18th November 2009.				
 Analysed by	 Checked by		 Verified By	

	MEGHA TECHNICAL ENGINEERING PVT.LTD. Lumshnong, Meghalaya		Reference No.	MTEPL/Env/F – 01
			Issue No.	1
	AMBIENT AIR QUALITY MONITORING REPORT		Date of Issue:	24.08.2013
			Revision No.	5
Reference No.: MTEPL/ENV/AAQM/MONTHLY/2022-23/14			Date of Rev.	01.12.2020
Month: September'22				
Location of Sampling: Near Star Club		GPS Coordinate: 25°10'36"N 92°23'16"E 928 m		
Sampling Duration:	24 Hrs.	24 Hrs.	24 Hrs.	24 Hrs.
Date of Sampling	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO ₂ (µg/m ³)
01.09.2022	39.80	22.77	7.10	14.18
08.09.2022	41.65	24.63	8.46	12.34
10.09.2022	37.45	20.38	9.88	14.09
12.09.2022	44.30	22.77	8.92	12.71
17.09.2022	40.70	21.63	8.03	14.11
23.09.2022	40.34	24.47	8.18	11.61
26.09.2022	42.08	23.58	9.95	13.11
28.09.2022	44.67	23.28	8.13	11.92
NAAQS permissible limits for Rural, Industrial, Residential Area	100 (µg/m ³)	60 (µg/m ³)	80 (µg/m ³)	80 (µg/m ³)
Remarks: All the analyzed parameters are well within the permissible limits of NAAQ Standards , Notification dated 18th November 2009.				
 Analysed by	 Checked by		 Verified By	

	MEGHA TECHNICAL & ENGINEERS PVT. LTD Lumshnong, Meghalaya		Document No.	MTEPL/EHS/Env/F-04
			Date of Issued	01-05-2019
	FUJITIVE EMISSION MONITORING REPORT		Revision No.	2
			Revision Date	01-01-2021
Ref: MTEPL/ENV/FUGITIVE/MONTHLY/2022-23/06				
Month - September 2022				
Date	Location	Fugitive Emission Results	As per CPCB/BIS Guideline	
		(in $\mu\text{g}/\text{m}^3$)	Limit	
02.09.2022	Cement Packing Plant	1521	(in $\mu\text{g}/\text{m}^3$) 5000	
 Analyzed By  Checked by  Verified By				