

MEGHA TECHNICAL & ENGINEERS (PVT.) LIMITED

Ref: MTEPL/EHS/LUM/2024-25/01

Dated: 03/04/2024

To,

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

Subject : Submission of Environmental Monitoring Report for the month of March, 2024.

Reference : MPCB/CON-68(Pt-I)/2006/Pt-I/2023-2024/62, Dtd: Shillong the 16th June, 2023.

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, Surface waste monitoring reports of **Megha Technical & Engineers Pvt. Ltd.** for the month of **March, 2024.**

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





MEGHA TECHNICAL & ENGINEERS PVT. LTD

Lumshnong, Meghalaya

Date (DD-MM-YYYY)	Pressure (mmHg)	Relative Humidity (%)	Temp. (C)	Manual Rain (mm)
01-03-2024	720.7	71.6	18.8	0.0
02-03-2024	718.1	70.4	18.1	0.0
03-03-2024	717.8	71.2	19.0	0.0
04-03-2024	724.0	69.5	18.8	0.0
05-03-2024	721.3	69.3	18.7	0.0
06-03-2024	727.1	70.6	18.1	0.0
07-03-2024	721.7	69.4	20.0	0.0
08-03-2024	724.4	69.2	19.0	0.0
09-03-2024	726.0	69.4	18.6	0.0
10-03-2024	723.7	70.5	19.0	0.0
11-03-2024	721.7	73.7	19.1	0.0
12-03-2024	721.2	72.8	20.8	0.0
13-03-2024	721.6	77.0	18.9	0.0
14-03-2024	724.4	74.1	19.0	0.0
15-03-2024	724.6	74.3	19.9	4.9
16-03-2024	724.0	71.5	19.5	0.0
17-03-2024	722.4	77.8	16.7	10.0
18-03-2024	720.8	77.0	15.3	0.0
19-03-2024	718.4	70.0	17.0	0.0
20-03-2024	724.0	63.0	16.9	0.0
21-03-2024	724.5	66.0	18.4	2.0
22-03-2024	722.2	70.8	18.7	13.8
23-03-2024	724.4	70.3	18.8	4.2
24-03-2024	726.0	68.2	20.0	0.0
25-03-2024	724.4	70.9	18.8	8.7
26-03-2024	719.2	67.6	18.0	5.3
27-03-2024	725.9	70.5	18.5	3.6
28-03-2024	723.7	71.9	19.0	5.1
29-03-2024	722.5	74.0	15.7	0.0
30-03-2024	724.4	70.9	18.8	0.0
31-03-2024	719.2	67.6	18.0	27.6
			Total	85.2

	MEGHA TECHNICAL & ENGINEERS PVT. LTD Lumshnong, Meghalaya		Reference No.	MTEPL/Env/F – 01
			Issue No.	1
			Date of Issue:	24.08.2013
			Revision No.	5
AMBIENT AIR QUALITY MONITORING REPORT			Date of Rev.	01.12.2020
Reference No.: MTEPL/ENV/AAQM/MONTHLY/2023-24/12			Month : March	
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)
01.03.2024	78.89	50.98	15.55	21.87
04.03.2024	73.54	51.86	16.57	22.90
06.03.2024	75.77	52.52	17.03	20.88
08.03.2024	79.76	50.85	16.48	19.81
11.03.2024	77.09	48.68	15.00	17.48
13.03.2024	78.59	51.05	13.32	18.03
15.03.2024	84.14	55.44	18.06	22.01
18.03.2024	80.25	52.73	17.15	19.85
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		Reference No.	MTEPL/Env/F – 01
			Issue No.	1
			Date of Issue:	24.08.2013
			Revision No.	5
AMBIENT AIR QUALITY MONITORING REPORT			Date of Rev.	01.12.2020
Reference No.: MTEPL/ENV/AAQM/MONTHLY/2023-24/12			Month : March	
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)
01.03.2024	42.57	30.93	16.31	21.28
04.03.2024	44.74	30.79	15.36	19.85
06.03.2024	40.54	29.47	16.34	20.78
08.03.2024	46.87	28.93	15.54	20.15
11.03.2024	45.57	27.79	15.32	17.98
13.03.2024	43.43	30.63	16.14	19.95
15.03.2024	42.56	29.74	15.83	19.17
18.03.2024	45.57	29.44	14.35	18.78
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		Reference No.	MTEPL/Env/F – 01
			Issue No.	1
			Date of Issue:	24.08.2013
			Revision No.	5
AMBIENT AIR QUALITY MONITORING REPORT			Date of Rev.	01.12.2020
Reference No.: MTEPL/ENV/AAQM/MONTHLY/2023-24/12			Month : March	
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)
01.03.2024	46.54	35.15	13.78	20.12
04.03.2024	45.55	34.12	13.84	18.28
06.03.2024	46.55	34.83	12.05	20.03
08.03.2024	47.04	36.14	11.84	18.65
11.03.2024	45.54	35.00	13.02	20.02
13.03.2024	46.48	37.84	11.87	17.50
15.03.2024	48.85	36.95	12.63	19.03
18.03.2024	47.41	35.50	13.18	18.25
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
	FUGITIVE EMISSION MONITORING REPORT		Revision No.	2
			Revision Date	01-01-2021
Ref: MTEPL/ENV/FUGITIVE/MONTHLY/2023-24/12				
Month - March				
Date	Location	Fugitive Emission Results	As per CPCB/BIS Guideline	
		(in $\mu\text{g}/\text{m}^3$)	Limit	
11.03.2024	Cement Packing Plant	1937	(in $\mu\text{g}/\text{m}^3$) 5000	
 Analyzed By  Checked by  Verified By				

