

MEGHA TECHNICAL & ENGINEERS (PVT.) LIMITED

Ref: MTEPL/EHS/LUM/2023-24/13

Dated: 14/09/2023

To,

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

Subject : Submission of Environmental Monitoring Report for the month of August, 2023.

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

Dear Sir,

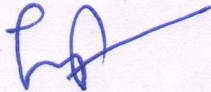
This is in reference to above cited subject, we are hereby submitting the monthly Environmental monitoring reports of Ambient Air Quality monitoring including meteorological data, Stack Emission, Fugitive Emission, Surface waste monitoring reports of **Megha Technical & Engineers Pvt. Ltd.** for the month of **August, 2023.**

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)	Manual Rain (mm)
01-08-2023	764.9	68.7	30.4	0.0
02-08-2023	762.5	75.9	28.6	3.0
03-08-2023	763.4	76.0	23.0	14.5
04-08-2023	761.8	85.2	22.0	78.8
05-08-2023	763.7	83.1	27.3	23.0
06-08-2023	760.2	89.0	22.0	98.0
07-08-2023	762.8	85.0	22.5	45.0
08-08-2023	763.8	84.0	22.0	62.0
09-08-2023	761.7	80.4	22.4	59.5
10-08-2023	761.4	87.6	22.0	101.9
11-08-2023	762.0	90.1	21.0	192.7
12-08-2023	763.8	89.7	21.0	153.0
13-08-2023	761.7	75.6	26.4	18.8
14-08-2023	760.0	70.9	26.7	19.8
15-08-2023	761.4	62.7	27.9	1.1
16-08-2023	763.5	60.4	28.4	4.2
17-08-2023	760.2	59.0	28.6	9.6
18-08-2023	762.9	60.0	29.0	0.0
19-08-2023	761.0	76.9	27.8	36.2
20-08-2023	762.0	67.8	28.4	4.6
21-08-2023	765.0	78.6	27.9	32.2
22-08-2023	761.0	75.1	28.4	23.2
23-08-2023	763.4	79.6	27.1	42.2
24-08-2023	761.0	78.0	27.6	44.2
25-08-2023	762.8	72.6	26.4	28.2
26-08-2023	761.4	90.0	25.6	125.8
27-08-2023	761.6	85.7	25.0	114.4
28-08-2023	762.9	79.5	26.7	77.8
29-08-2023	763.5	68.0	27.6	0.0
30-08-2023	761.4	62.0	29.7	0.0
31-08-2023	762.8	63.7	29.7	0.0
			Total	1413.7

	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/2023-24/05			Month: August	
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)
01.08.2023	56.41	32.66	14.84	18.06
03.08.2023	51.06	33.54	15.86	19.09
14.08.2023	53.29	34.20	16.32	17.07
16.08.2023	57.28	32.53	15.77	16.00
18.08.2023	54.61	30.36	14.29	15.25
30.08.2023	56.11	32.73	12.61	16.11
No Monitoring Due to Heavy Rain fall				
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/2023-24/05			Month: August	
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)
01.08.2023	21.70	15.45	14.17	16.90
03.08.2023	23.87	15.31	13.22	15.47
14.08.2023	19.67	13.99	14.20	16.40
16.08.2023	26.00	13.45	13.40	15.77
18.08.2023	24.70	12.31	13.18	13.60
30.08.2023	22.56	15.15	12.13	15.57
No Monitoring Due to Heavy Rain fall				
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/2023-24/05			Month: August	
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)
01.08.2023	25.00	16.17	10.08	14.35
03.08.2023	32.27	18.03	10.14	12.51
14.08.2023	28.07	13.78	8.35	14.26
16.08.2023	24.57	16.17	8.14	12.88
18.08.2023	31.32	15.03	9.32	14.28
30.08.2023	30.96	17.87	8.20	11.78
No Monitoring Due to Heavy Rain fall				
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/2023-24/05				
Month - August				
Date	Location	Fugitive Emission Results	As per CPCB/BIS Guideline	
		(in $\mu\text{g}/\text{m}^3$)	Limit	(in $\mu\text{g}/\text{m}^3$)
17.08.2023	Cement Packing Plant	1798	5000	
 Analyzed By  Checked by  Verified By				

