

MEGHA TECHNICAL & ENGINEERS (PVT.) LIMITED

Ref: MTEPL/EHS/LUM/2023-24/12

Dated: 26/08/2023

To,

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

Subject : Submission of Environmental Monitoring Report for the month of July, 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 **July, 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)
01-07-2023	761.5	88.0	28.4	97.2
02-07-2023	763.0	70.0	27.6	103.6
03-07-2023	763.8	79.0	28.6	106.0
04-07-2023	760.6	81.0	27.0	0.0
05-07-2023	763.9	92.4	29.8	22.6
06-07-2023	761.8	90.0	29.0	12.6
07-07-2023	762.4	82.0	31.7	34.0
08-07-2023	764.8	87.0	30.8	21.8
09-07-2023	763.0	83.4	30.0	22.8
10-07-2023	766.0	76.0	25.0	228.8
11-07-2023	760.0	78.0	32.8	68.0
12-07-2023	762.0	87.0	27.9	43.0
13-07-2023	761.2	87.4	31.7	71.4
14-07-2023	762.4	88.0	32.0	23.2
15-07-2023	764.1	80.0	30.0	8.4
16-07-2023	764.9	83.4	31.5	0.0
17-07-2023	762.5	79.0	26.5	70.4
18-07-2023	763.4	78.6	28.9	0.0
19-07-2023	761.8	80.0	28.0	24.6
20-07-2023	763.7	82.4	29.7	23.4
21-07-2023	760.2	82.6	27.9	19.6
22-07-2023	762.8	86.0	28.6	0.0
23-07-2023	763.8	85.7	30.4	0.0
24-07-2023	761.7	89.2	30.1	0.0
25-07-2023	761.4	89.0	27.9	4.2
26-07-2023	762.0	87.0	31.7	17.5
27-07-2023	763.8	85.7	27.9	15.4
28-07-2023	761.7	86.0	28.2	26.8
29-07-2023	760.0	87.0	28.0	0.0
30-07-2023	761.4	85.7	29.0	7.4
31-07-2023	762.7	70.0	30.4	0.9
			Total	1073.6

	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/2023-24/04			Month: July	
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)
05.07.2023	59.50	35.44	13.21	19.15
07.07.2023	54.15	36.32	14.23	20.18
12.07.2023	56.38	36.98	14.69	18.16
17.07.2023	60.37	35.31	14.14	17.09
19.07.2023	57.70	33.14	12.66	16.34
21.07.2023	59.20	35.51	10.98	17.20
24.07.2023	68.55	42.91	18.30	21.40
26.07.2023	64.66	40.20	17.39	19.31
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/2023-24/04			Month: July	
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)
05.07.2023	26.71	17.00	12.96	15.51
07.07.2023	28.88	16.86	12.01	14.08
12.07.2023	24.68	15.54	12.99	15.01
17.07.2023	31.01	15.00	12.19	14.38
19.07.2023	29.71	13.86	11.97	12.21
21.07.2023	27.57	16.70	10.92	14.18
24.07.2023	26.70	15.81	10.60	13.40
26.07.2023	29.69	15.51	11.00	13.01
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/2023-24/04			Month: July	
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)
05.07.2023	26.91	18.00	11.21	15.54
07.07.2023	34.18	19.86	12.18	13.70
12.07.2023	29.98	15.61	10.39	15.45
17.07.2023	26.48	18.00	10.18	14.07
19.07.2023	33.23	16.86	11.36	15.47
21.07.2023	32.87	19.70	10.21	12.97
24.07.2023	30.01	18.81	10.97	14.47
26.07.2023	27.97	17.36	11.52	13.28
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/2023-24/04				
Month - July				
Date	Location	Fugitive Emission Results	As per CPCB/BIS Guideline	
		(in $\mu\text{g}/\text{m}^3$)	Limit	
14.07.2023	Cement Packing Plant	1879	(in $\mu\text{g}/\text{m}^3$) 5000	
 Analyzed By  Checked by  Verified By				

