

MEGHA TECHNICAL ENGINEERING PVT.LTD. Lumshnong, Meghalaya			Reference No.	MTEPL/Env/F – 01
			Issue No.	1
			Date of Issue:	24.08.2013
AMBIENT AIR QUALITY MONITORING REPORT			Revision No.	5
			Date of Rev.	01.12.2020
Reference No.: MTEPL/ENV/AAQM/MONTHLY/2021-22/23			Month: Nov'21	
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/m³)	PM _{2.5} (µg/m³)	SO ₂ (µg/m³)	NO ₂ (µg/m³)
02-11-2021	54.20	36.12	15.35	18.91
04-11-2021	54.62	36.39	16.10	19.03
08-11-2021	51.68	34.46	13.69	18.68
11-11-2021	53.53	35.68	12.36	16.72
16-11-2021	55.44	36.93	14.97	17.82
18-11-2021	53.98	35.94	15.84	18.75
22-11-2021	51.07	34.02	13.46	18.40
25-11-2021	52.90	35.23	12.15	16.46
NAAQS permissible limits for Rural, Industrial, Residential Area	100 (µg/m³)	60 (µg/m³)	80 (µg/m³)	80 (µg/m³)

Remarks: All the analyzed parameters are well within the permissible limits of NAAQ Standards , Notification dated 18th November 2009.


Analysed by


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		Month: Nov'21		
Reference No.: MTEPL/ENV/AAQM/MONTHLY/2021-22/24				
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)
02-11-2021	49.53	33.36	13.49	16.17
04-11-2021	47.78	32.21	15.11	17.17
08-11-2021	46.47	31.01	11.31	13.83
11-11-2021	45.26	29.95	10.45	12.95
16-11-2021	46.23	30.60	11.10	13.60
18-11-2021	46.89	31.58	12.08	14.58
22-11-2021	47.24	29.95	10.45	12.95
25-11-2021	46.23	30.60	11.10	13.60
NAAQS permissible limits for Rural, Industrial, Residential Area	100 (µg/m ³)	60 (µg/m ³)	80 (µg/m ³)	80 (µg/m ³)

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			Date of Rev.	01.12.2020
Reference No.: MTEPL/ENV/AAQM/MONTHLY/2021-22/25			Month: Nov'21	
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/m³)	PM _{2.5} (µg/m³)	SO ₂ (µg/m³)	NO ₂ (µg/m³)
02-11-2021	45.71	30.74	11.04	16.94
04-11-2021	47.23	31.75	11.30	17.35
08-11-2021	41.78	28.14	9.89	15.07
11-11-2021	43.41	29.22	12.66	19.54
16-11-2021	41.88	28.20	11.24	17.25
18-11-2021	46.54	31.22	10.97	16.96
22-11-2021	41.15	27.65	9.57	14.71
25-11-2021	41.23	27.69	10.89	16.85
NAAQS permissible limits for Rural, Industrial, Residential Area	100 (µg/m³)	60 (µg/m³)	80 (µg/m³)	80 (µg/m³)

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