



MEGHALAYA STATE POLLUTION CONTROL BOARD
CENTRAL LABORATORY
"Arden", Lumpyngngad, Shillong -793014
TEST REPORT



Certificate No: TC-5577

Report No. : AQ/2020/02

1.	Name of the Project	:	Ambient Air Quality monitoring at Don Bosco College, Tura, West Garo Hills District.		
2.	Sample matrix	:	Ambient Air		
3.	Samples collected by	:	S. Nongkynrih/B. Jyrwa/G.R. Marak		
4.	Date of sample collection	:	12.03.2020		
5.	Date & time of sample receipt	:	16.03.2020		
6.	Date of sample analysis	:	16.03.2020		
7.	Date of Issue	:	-		
8.	Sample Registration No.	:	A/02/20		
9.	Test method reference	:	IS 5182 Pt. 23, EPA CFR-40 (Pt-50) IS:5182 (Pt-2), IS:5182 (Pt-6)		
10.	Name & Address of Industry/Sampling Location	:	Don Bosco College, Tura, West Garo Hills District.		
12.	Time duration of sampling	:	24 hrs (8 hrs interval for rspm , 4 hrs interval for gaseous)		
13.	Category	:	Residential		
14.	Meteorological Parameters				
	General Weather condition	:	P Clear/Clear		
	Temperature (°C)	:	Min: 18.3	Max: 31.4	
	Relative Humidity (%)	:	Min: 49.6	Max: 55.7	
	Wind Speed (km/hr)	:	Min: 1.7	Max: 9.8	Avg: -
	Wind Direction (most prevailing)	:	NE-SW		
	Rainfall (mm)	:	Sum: -		

Parameters	Test Method	Permissible Limits (24 hours average) EPA Notification GSR 826(E), dated New Delhi, the 16 th Nov. 2009.	Sampling Station Code/Name
			A/02/20 College Premises
Particulate Matter (PM 10) ($\mu\text{g}/\text{m}^3$) (24 hrs avg.)	IS:5182 (Pt-23)	100	44.2
Particulate Matter (PM 2.5) ($\mu\text{g}/\text{m}^3$) (24 hrs avg.)	EPA CFR-40 (Pt-50)	60	25.3
Sulphur dioxide (SO ₂) ($\mu\text{g}/\text{m}^3$) (24 hrs avg.)	IS:5182 (Pt-2)	80	2.0
Nitrogen dioxide (NO ₂) ($\mu\text{g}/\text{m}^3$) (24 hrs avg.)	IS:5182 (Pt-6)	80	4.5

Remarks: Parameters tested were found to be within the prescribed limits of National Ambient Air Quality Standards (NAAQS) as per EPA Notification GSR 826(E), dated New Delhi, the 16th Nov. 2009.

1. Test values are reported based on the materials received.
2. Sample(s) will be destroyed after 15 days from date of issues of the Test Report.
3. The test report shall not be reproduced except in full, without the written approval of laboratory.

Scientist 'C'

Senior Scientist