

**CALIBRATION PROTOCOL FOR CAAQM SYSTEM**

NAME OF CAAQM SYSTEM .....

DATE: .....

**Gaseous Parameter (Once in 10 days)**

S. No.	Parameter	Status	Zero Value		Zero Offset		Span Calibration			K Factor (Span)		Deviation %	Calibration Gas Validity	Remark
			Pre	Post	Pre	Post	Span Source / Unit	Pre	Post	Pre	Post			
1.	CO Analyzer													
2.	SO <sub>2</sub> Analyzer													
3.	NO <sub>x</sub> Analyzer													
	NO													
	NO <sub>2</sub>													
	NO <sub>x</sub>													
4.	NH <sub>3</sub> Analyzer													
5.	O <sub>3</sub> Analyzer													
6.	BTX Analyzer													
	Benzene													
	Toluene													
	E-benzene													
	M+P Xylene													
	O-Xylene													

**Particulate Matter (Once in 10 days)**

S.No	Parameter	Zero Check	Certified Reference Membrane/Foil	Measured value	Pre Factor	Post Factor	Deviation %	Flow (LPM)	Date of Last Flow Calibration check	Remark
7.	Dust PM <sub>10</sub> Analyzer	OK / Not OK	..... µg/cm <sup>2</sup>							
8.	Dust PM <sub>2.5</sub> Analyzer	OK / Not OK	..... µg/cm <sup>2</sup>							

**Meteorological Parameter (Once in a year)**

S.No.	Parameter	Standard / Reference value	Measured Value	Deviation	Remark
9.	Temperature				
10.	Humidity				
11.	Wind Speed				
12.	Wind Direction				
13.	Rain Fall				
14.	Solar Radiation				
15.	Barometric Pressure				

(Name / Signature of Operator)

(Name / signature of Supervisor)