


AMBIENT AIR QUALITY MONITORING REPORT			
Sample ID:	12	Report No.	
Name and address of Customer	Noida sector 16, Delhi Delhi		
Sampling done by	Online Sensor	Sample Desc/Type	Digital
Sampling Location	Noida sector 16, Delhi	Date- Sampling	01/01/2022 to 31/01/2022
sample Quantity / Packing	<b>PM<sub>10</sub></b> <b>PM<sub>2.5</sub></b> <b>SO<sub>2</sub>, NO<sub>2</sub></b> <b>NH<sub>3</sub>,</b> <b>Ozone</b> <b>C<sub>6</sub>H<sub>6</sub>:</b> <b>CO:</b>	Date - Receipt of Sample	1/31/2022
Sampling Procedure	As per method reference	Date- Start of Ananalysis	1/1/2022

Meteorological Data / Environmental Conditions				
Average Wind Velocity 3.22 km/h	Wind Direction W-E	Relative Humidity (Max./Min.): 84/56%	Temperature (Max./Min.): 34/26°C	Duration of Survey 24 h
Parameter	Result	NAAQS# 2009	Unit	Method

**Chemical Testin; Group: Atmospheric Pollution, subgroup: Ambient Air Quality**

Sulphur Dioxide (SO <sub>2</sub> )	4.73	80	µg/m <sup>3</sup>	IS 5182 (Part2): 2001
Nitrogen Dioxide (NO <sub>2</sub> )	9.33	80	µg/m <sup>3</sup>	IS 5182 (Part6): 2006
Particulate Matter (size less than 10 µm) or PM <sub>10</sub>	40	100	µg/m <sup>3</sup>	IS 5182 (Part23): 2006
Particulate Matter (size less than 2.5 µm) or PM <sub>2.5</sub>	8	60	µg/m <sup>3</sup>	USEPA CFR 40. Part 50. Appendix L
Ozone(O <sub>3</sub> )	<19.6	180	µg/m <sup>3</sup>	Methods of Air Sampling and Analysis (AWMA), 3rd Ed. Method 411 Page 403
Lead (as Pb)	<0.02	1	µg/m <sup>3</sup>	EPA/625/R-96/010 a Compendium Method ID-3.1 & 3.2
Carbon Monoxide (CO)	1.38	4	mg/m <sup>3</sup>	CPCB Guidelines. Volume II. 37/2012-13. Page no. 16
Ammonia (NH <sub>3</sub> )	<4	400	µg/m <sup>3</sup>	AEC/C/SAP/AA-7. Issue no. 04 Issue Date: 01.04.2018
Benzene(C <sub>6</sub> H <sub>6</sub> )	<1	5	µg/m <sup>3</sup>	IS 5182 (Part 11):2006
Benzo (a) Pyrene (BaP) Particulate Phase only	<0.2	1	ng/m <sup>3</sup>	IS 5182 (Part 12):2006
Arsenic (as As)	<0.3	6	ng/m <sup>3</sup>	EPA/625/R-96/010 a Compendium Method ID-3.1 & 3.2
Nickel (as Ni)	<3	20	ng/m <sup>3</sup>	EPA/625/R-96/010 a Compendium Method ID-3.1 & 3.2

TWA : Time Weighted Average

# : NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, PM10, PM2.5, Lead and Ammonia, 1 hour TWA in case of Carbon Monoxide and Ozone, Annual TWA in case of Benzene, Benzo (a) Pyrene, Arsenic and Nickel.

Technical Manager (Chemical) Reviewed & Authorised by	
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Note:

1. The result listed refer only the tested sample(s) and application parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.
3. In case sampling is not done by laboratory, the results apply to the sample as received.
4. There are no additions to, deviations or exclusions from the method.