

## ENVIRONMENT TEST MEASUREMENT CAPABILITY

SR No	Test Description	Test Method
<b>AMBIENT AIR QUALITY MONITORING</b>		
1	Sulphur Dioxide SO <sub>2</sub>	SOP in combination with USEPA 40 CFR Part No:50 Appendix A-2 2018
2	Nitrogen Dioxide -NO <sub>2</sub>	SOP in combination with USEAP -650/4-74-048
3	Carbon Monoxide (CO)	BSEN 60079-29-2:2015
4	Carbon Dioxide (CO <sub>2</sub> )	BSEN 60079-29-2:2015
5	Ozone (O <sub>3</sub> )	BSEN 60079-29-2:2015
6	Hydrogen Sulphide (H <sub>2</sub> S)	BSEN 60079-29-2:2015
7	Ammonia (NH <sub>3</sub> )	BSEN 60079-29-2:2015
8	Volatile Organic Compounds (VOCs)	BSEN 60079-29-2:2015
9	Fine Particulate Matter -PM <sub>2.5</sub>	SOP in combination with USEPA 40 CFR Part No:50 Appendix L 2018
10	Particulate Matter- PM <sub>10</sub>	SOP in combination with USEPA 40 CFR Part No:50 Appendix J 2018
11	Total Suspended Particulate Matter -TSPM	SOP in combination with USEPA 40 CFR Part No:50 Appendix B 2018
<b>NOISE MONITORING</b>		
12	Noise/ Sound Level	SOP/ENV/004 in Combination with ISO 9612 / ISO 1996-2
<b>LUX MONITORING</b>		
13	Lux / Illuminance	<b>BS 667:2005)</b>
<b>INDOOR AIR QUALITY MONITORING</b>		
14	Carbon Dioxide-CO <sub>2</sub>	BSEN 60079-29-2:2015
15	Nitrogen Dioxide-NO <sub>2</sub>	BSEN 60079-29-2:2015
16	Sulphur Dioxide-SO <sub>2</sub>	BSEN 60079-29-2:2015
17	Hydrogen Sulphide-H <sub>2</sub> S	BSEN 60079-29-2:2015
18	Carbon Monoxide-CO	BSEN 60079-29-2:2015
19	Total volatile Organic Compounds -TVOC	BSEN 60079-29-2:2015
20	Formaldehyde (HCOH)	BSEN 60079-29-2:2015
21	Ozone (O <sub>3</sub> )	BSEN 60079-29-2:2015
22	Ammonia (NH <sub>3</sub> )	BSEN 60079-29-2:2015
23	Temperature (°C)	BSEN 60079-29-2:2015
24	Humidity (%)	BSEN 60079-29-2:2015
25	Oxygen- O <sub>2</sub>	BSEN 60079-29-2:2015
26	Particulate Matters -PM 1.0	ISO 21501:2018
27	Particulate Matters -PM 2.5	ISO 21501:2018
28	Particulate Matters -PM 4.0	ISO 21501:2018
29	Particulate Matters -PM 7.0	ISO 21501:2018
30	Particulate Matters -PM 10	ISO 21501:2018
31	Total Suspended Particulate -TSP	ISO 21501:2018

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STACK/FLUE GAS MONITORING		
33	Particulate Matter -PM	SOP/ENV/007 in Combination with USEPA-EMC-17/05
33	Sulphur dioxide -SO <sub>2</sub>	SOP/ENV/007/combination with CTM 030/034
34	Oxygen -O <sub>2</sub>	SOP/ENV/007/combination with CTM 030/034
35	Nitrogen Dioxide- NO <sub>2</sub>	SOP/ENV/007/combination with CTM 030/034
36	Carbon Monoxide- CO	SOP/ENV/007/combination with CTM 030/034
37	Carbon Dioxide- CO <sub>2</sub>	SOP/ENV/007/combination with CTM 030/034
38	Volatile Organic Compounds -VOC	SOP/ENV/007/combination with CTM 030/034
39	Hydrocarbons (Cxhy)	SOP/ENV/007/combination with CTM 030/034
WIND MONITORING		
40	Temperature (OC)	SOP/ENV/007/combination with BS EN 60079-29-2:2015/ EPA-454/R-99-005
41	Humidity (%)	
42	Wind speed	
43	Wind Direction	
44	Rainfall-mm	
45	Solar Radiation	