



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name PRASAD ENVIRO LABS PRIVATE LIMITED, NO.10/3, 2ND FLOOR, LALBAGH ROAD, BENGALURU, BENGALURU URBAN, KARNATAKA , INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5292 Page No. : 1 / 2

Validity 17/03/2019 to 16/03/2021 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
<b>Permanent Facility</b>				
1	CHEMICAL-ATMOSPHERIC POLLUTION	Stack Emission	Velocity, Volume of flue gas discharged, Particulate Matter, Oxide of Sulphur, Oxides of Nitrogen, Carbon dioxide (CO <sub>2</sub> ), Carbon Monoxide (CO) & Oxygen (O <sub>2</sub> )	IS:11255 (Part 3): 2008, IS:11255 (Part 1) :1985 (Reaffirmed 2014) & Lab adopted method based on instrument manual PELPL/SOP/FGA/01 Issue No. 01 Issue Date: 20.10.2015 : 2008
2	CHEMICAL-ATMOSPHERIC POLLUTION	Sulphur Dioxide, µg/m <sup>3</sup> , Nitrogen Dioxide µg/m <sup>3</sup> , Particulate Matter (Size less than 10µm) or PM <sub>10</sub> & Particulate Matter (Size less than 2.5µm) or PM <sub>2.5</sub>	IS 5182 (Part 2): 2001(Reaffirmed 2012), IS 5182 (Part 6): 2006, IS 5182 (Part 23): 2006(Reaffirmed 2012) & SOP No. PELPL/SOP-04 Issue No. 01 Issue Date: 20.10.2015	IS 5182: 2006
3	CHEMICAL- WATER	Drinking and Surface Water	pH, Conductivity, Turbidity, Total Hardness as CaCO <sub>3</sub> , Calcium as Ca, Magnesium as Mg, Chloride as Cl, Total Alkalinity as CaCO <sub>3</sub> , Total Suspended Solids, Total Dissolved Solids, Sulfate as SO <sub>4</sub> and Iron a Fe	APHA 23rd Edition 4500 – H+ B , APHA 23rd Edition 2510 B, APHA 23rd Edition 2130 B ,APHA 23rd Edition 2130 C, APHA 23rd Edition 3500 - Ca B, APHA 23rd Edition 3500 - Mg B ,APHA 23rd Edition 4500 – Cl- B, APHA 23rd Edition 2320 B, APHA 23rd Edition 2540 D , APHA 23rd Edition 2540 C ,APHA 23rd Edition 4500-SO <sub>4</sub> - E ,APHA 23rd Edition 3500-Fe B: 2017



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4	CHEMICAL- WATER	Effluent Water & Sewage Water	Iron as Fe, pH, Conductivity, Turbidity, Chloride as Cl, Total Suspended Solids, Total Dissolved Solids, Sulfate as SO <sub>4</sub> , Oil & Grease, Chemical Oxygen Demand and Biochemical Oxygen Demand	APHA 23rd Edition 3500-Fe B ,APHA 23rd Edition 4500 – H+ B ,APHA 23rd Edition 2510 B ,APHA 23rd Edition 2130 B,APHA 23rd Edition 4500-Cl B ,APHA 23rd Edition 2540 D,APHA 23rd Edition 2540 C,APHA 23rd Edition 4500-SO <sub>4</sub> - E, APHA 23rd Edition 5520 B,APHA 23rd Edition 5220 C,IS 3025 (Part 44): 1993 (Reaffirmed 2014): 2017