

Laboratory Sunrise Environment Consultant, TF-4, Krishna Arcade, Ahmedabad, Gujarat

Accreditation Standard ISO/IEC 17025: 2017

Certificate Number TC-7699

Page 1 of 2

Validity 23.09.2019 to 15.08.2020

Last Amended on --

S. No.	Materials or Products tested	Component, parameter or characteristic tested/ Specific Test Performed/ Tests or type of tests performed	Test Method Specification against which tests are performed and/or the techniques/ equipment used
--------	------------------------------	--	---

**CHEMICAL TESTING**

I.	WATER		
1.	Water	Total Dissolved Solids	IS 3025 (Part 16): 1984 (RA 2017)
		Total Suspended Solids	IS 3025 (Part 17): 1984 (RA 2017)
		Total Hardness as CaCO <sub>3</sub>	IS 3025 (Part 21): 2009 (RA 2014)
		Ammonical Nitrogen	IS 3025 (Part 34): 1988 (RA 2014)
		Temperature	IS 3025 (Part 9): 1984 (RA 2017)
		Dissolved Oxygen	IS 3025 (Part 38): 1989 (RA 2014)
		Oil and Grease	IS 3025 (Part 39): 1991 (RA 2014)
		Conductivity	IS 3025 (Part 14): 1984 (RA 2013)
		Sodium as Na	IS 3025 (Part 45): 1993 (RA 2014)
		Total Solids	IS 3025 (Part 15): 1984 (RA 2014)
		Total Alkalinity as CaCO <sub>3</sub>	IS 3025 (Part 23): 1986 (RA 2014)
		Residual Free Chlorine	IS 3025 (Part 26): 1986 (RA 2014)
		Sulphide	APHA 23 <sup>rd</sup> Edition (4500 S <sub>2</sub> - F): 2017
		Magnesium Hardness	APHA 23 <sup>rd</sup> Edition (3500 Mg-B): 2017
		Chemical Oxygen Demand	IS 3025 (Part 58): 2006 (RA 2017)
		Biochemical Oxygen Demand 3 Days @ 27 °C	IS 3025 (Part 44): 1993 (RA 2014)
		pH Value	IS 3025 (Part 11): 1983 (RA 2017)
		Sulphate	IS 3025 (Part 24): 1986 (RA 2014)
		Calcium Hardness as CaCO <sub>3</sub>	APHA 23 <sup>rd</sup> Edition (3500 Ca-B): 2017
		Turbidity	IS 3025 (Part 10): 1984 (RA 2018)
		Chloride	IS 3025 (Part 32): 1988 (RA 2014)
		Potassium as K	IS 3025 (Part 45): 1993 (RA 2014)

Laboratory **Sunrise Environment Consultant, TF-4, Krishna Arcade, Ahmedabad, Gujarat**

Accreditation Standard **ISO/IEC 17025: 2017**

Certificate Number **TC-7699**

Page 2 of 2

Validity **23.09.2019 to 15.08.2020**

Last Amended on --

S. No.	Materials or Products tested	Component, parameter or characteristic tested/ Specific Test Performed/ Tests or type of tests performed	Test Method Specification against which tests are performed and/or the techniques/ equipment used
<b>II.</b>	<b>ATMOSPHERIC POLLUTION</b>		
<b>1.</b>	<b>Ambient Air</b>	Particulate Matter (size less than 10 µ) as PM <sub>10</sub>	IS 5182 (Part 23): 2006 (RA 2017)
		Particulate Matter (size less than 2.5 µm or PM <sub>2.5</sub> µg/m <sup>3</sup> )	USEPA Method Quality Assurance Guidance Document 2.12: JAN 2016
		Oxides of Nitrogen as NO <sub>2</sub>	IS 5182 (Part 6): 2006 (RA 2017)
		Sulphur Dioxide as SO <sub>2</sub>	IS 5182 (Part 2): 2001 (RA 2017)
<b>2.</b>	<b>Stack Emission</b>	Particulate Matter as PM	IS 11255 (Part 1): 1985 (RA 2014)
		Sulphur Dioxide as SO <sub>2</sub>	IS 11255 (Part 2): 1985 (RA 2014)
		Oxide of Nitrogen as NO <sub>x</sub>	IS 11255 (Part 7): 2005 (RA 2017)
<b>III.</b>	<b>POLLUTION &amp; ENVIRONMENT</b>		
<b>1.</b>	<b>Waste Water</b>	pH	IS 3025 (Part 11): 1983 (RA 2017)
		Temperature	IS 3025 (Part 9): 1984 (RA 2017)
		Turbidity	IS 3025 (Part 10): 1984 (RA 2017)
		Total Solids	IS 3025 (Part 15): 1984 (RA 2014)
		Total Dissolved Solids	IS 3025 (Part 16): 1984 (RA 2017)
		Chloride as Cl-	IS 3025 (Part 32): 1988 (RA 2014)
		Biochemical Oxygen Demand 3 Days @27 °C	IS 3025 (Part 44): 1993 (RA 2014)
		Sulphate	IS 3025 (Part 24): 1986 (RA 2014)
		Chemical Oxygen Demand	IS 3025 (Part 58): 2006 (RA 2017)
		Total Suspended Solids	IS 3025 (Part 17): 1984 (RA 2017)
		Ammonical Nitrogen	IS 3025 (Part 34): 1988 (RA 2014)
		Sulphide	APHA 23rd Edition 4500-S2-F: 2017
		Oil & Grease	IS 3025 (Part 39): 1991 (RA 2014)
		Residual Free Chlorine	IS 3025 (Part 26): 1996 (RA 2014)
		Sodium as Na	IS 3025 (Part 45): 1993 (RA 2014)
		Potassium as K	IS 3025 (Part 45): 1993 (RA 2014)