

Laboratory **Quality Analyst & Labs Pvt. Ltd., Plot 270, Udyog Vihar-6, Gurgaon, Haryana**

Accreditation Standard **ISO/IEC 17025: 2005**

Certificate Number **TC-7160 (in lieu of T-2954)**

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Validity **19.05.2018 to 18.05.2020**

Last Amended on --

Sl.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
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CHEMICAL TESTING

I.	WATER			
1.	Water for Construction Purpose	Acidity	IS 3025 (Part 22) Titrimetric Method	1 ml to 50 ml
		Total Alkalinity	IS 3025 (Part 23) H ₂ SO ₄ Titrimetric Method	1 ml to 50 ml
2.	Surface Water and Ground Water	Color	IS 3025 (Part 4) Pt Cobalt Method	1 to 100 Colour Units
		Hardness as CaCO ₃	IS 3025 (Part 21): 2009 EDTA Titration Method	5 mg/L to 4000 mg/L
		Odor	IS 3025 (Part 5) Comparison Method	Qualitative
		Solids- Fixed & Volatile (Organic & Inorganic)	IS 3025 (Part 18) Ad.1	5 mg/L to 4000 mg/L
		Total Solids	IS 3025 (Part 15) Gravimetric Method	5 mg/L to 40000 mg/L
		Total Dissolved Solids	IS 3025 (Part 16) Gravimetric Method	5 mg/L to 40000 mg/L
		Total Suspended Solids	IS 3025 (Part 17) Gravimetric Method	5 mg/L to 20000 mg/L
		Temperature	IS 3025 (Part 9)	5 °C to 100 °C
		Turbidity	IS 3025 (Part 10) Nephelometric Method	0.1 NTU to 100 NTU
		Chloride as Cl	IS 3025 (Part 32) Argentometric Method	1 mg/L to 1000 mg/L
		pH	IS 3025 (Part 11) Electrometric Method	1 to 13
		Calcium as Ca	IS 3025 (Part 40) EDTA Titrimetric Method	5 mg/L to 600 mg/L
	Magnesium as Mg	IS 3025 (Part 46) Calculation Method	5 mg/L to 600 mg/L	

Pooja Singh
Convenor

Alok Jain
Program Director

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Sl.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
		Carbonate/Bi Carbonate Alkalinity (as CaCO ₃)	IS 3025 (Part 51) Titrimetric Method	1 mg/L to 1500 mg/L

Pooja Singh
Convenor

Alok Jain
Program Director