

**Laboratory**                      **Regional Water Testing Laboratory, Groundwater Surveys & Development Agency, Nashik Region, G.S.D.A. Workshop, Gadkari Chowk, Shingada Talav, Nashik, Maharashtra**

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

**Certificate Number**        **TC-7234 (in lieu of T-3964)**

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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.	<b>WATER</b>			
1.	<b>Potable Water (Drinking Water)</b>	pH	APHA 23 <sup>rd</sup> Edition 2017 Method – 4500 H+(B)	2.00 to12.00
		Electrical Conductivity	APHA 23 <sup>rd</sup> Edition 2017 Method – 2510 (B)	1.0 µS/cm to 18000.0 µS/cm
		Total Dissolved Solids	APHA 23 <sup>rd</sup> Edition 2017 Method – 2540 (C)/ IS 3025 (Part 16): 1984	1.0 mg/l to 5000.0 mg/l
		Total Hardness (as CaCO <sub>3</sub> )	APHA 23 <sup>rd</sup> Edition 2017 Method – 2340 (C)	40.0 mg/l to 1500.0 mg/l
		Fluoride	APHA 23 <sup>rd</sup> Edition 2017 Method – 4500 F (D)	0.05 mg/l to 2.00 mg/l
		Iron	APHA 23 <sup>rd</sup> Edition 2017 Method – 3500 Fe (B)	0.05 mg/l to 5.00 mg/l
		Nitrate (as Nitrogen-Nitrate)	APHA 23 <sup>rd</sup> Edition 2017 Method – 4500 NO <sub>3</sub> (B)	0.05 mg/l to 100.00 mg/l