

Laboratory **Regional Water Testing Laboratory, Groundwater Surveys and Development Agency, Shahanurmiya Durgah Chowk, Pir Bazar Road, Aurangabad, Maharashtra**

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

Certificate Number **TC-7395 (in lieu of T-4024)**

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Validity **23.06.2018 to 22.06.2020**

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.	Ground Water	pH	APHA 23 <sup>rd</sup> Edition 2017, Method 4500-H <sup>+</sup> B	2 to 12
		Electrical Conductivity	APHA 23 <sup>rd</sup> Edition 2017, Method 2510 B	1 $\mu$ S/cm to 19999 $\mu$ S/cm
		Total Dissolved Solids (TDS)	APHA 23 <sup>rd</sup> Edition 2017, Method 2540 C	1 mg/l to 5000 mg/l
		Total Hardness (as CaCO <sub>3</sub> )	APHA 23 <sup>rd</sup> Edition 2017, Method 2340 C	1 mg/l to 1000 mg/l
		Fluoride	APHA 23 <sup>rd</sup> Edition 2017, Method 4500-F <sup>-</sup> D	0.1 mg/l to 10.0 mg/l
		Iron	APHA 23 <sup>rd</sup> Edition 2017, Method 3500-Fe B	0.1 mg/l to 5.0 mg/l
		Nitrate	APHA 23 <sup>rd</sup> Edition 2017, Method 4500-NO <sub>3</sub> <sup>-</sup> B	0.1 mg/l to 100 mg/l