

<b>Laboratory</b>	<b>SV Enviro Labs &amp; Consultants, Enviro House, B-1, Block-B, IDA, Autonagar, Visakhapatnam, Andhra Pradesh</b>		
<b>Accreditation Standard</b>	<b>ISO/IEC 17025: 2005</b>		
<b>Discipline</b>	<b>Chemical Testing</b>	<b>Issue Date</b>	<b>23.02.2015</b>
<b>Certificate Number</b>	<b>T-3310</b>	<b>Valid Until</b>	<b>22.02.2017</b>
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<b>S.No.</b>	<b>Product / Material of Test</b>	<b>Specific Test Performed</b>	<b>Test Method Specification against which tests are performed</b>	<b>Range of Testing / Limits of Detection</b>
<b>I.</b>	<b>WATER</b>			
<b>1.</b>	<b>Bore Water, Domestic &amp; Potable Water, Industrial Water</b>	pH	APHA 22 <sup>nd</sup> Edition 4500-H <sup>+</sup> B	1.0 to 14
		Turbidity	APHA 22 <sup>nd</sup> Edition 2130 B	0.1 NTU to 1000 NTU
		Conductivity	APHA 22 <sup>nd</sup> Edition 2510 B	1 μ mhos cm to 20000 μ mhos cm
		Total Solids	APHA 22 <sup>nd</sup> Edition 2540 B	5.0 mg/L to 100 mg/L 100 mg/L to 5000 mg/L
		Total Dissolved Solids(TDS)	APHA 22 <sup>nd</sup> Edition 2540 C	50 mg/L to 20000 mg/L
		Total Suspended Solids (TSS)	APHA 22 <sup>nd</sup> Edition 2540 D	5 mg/L to 1000 mg/L
		Acidity	APHA 22 <sup>nd</sup> Edition 2310 B	2 mg/L to 500 mg/L
		Total Alkalinity	APHA 22 <sup>nd</sup> Edition 2320 B	2 mg/L to 500 mg/L
		Total Hardness	APHA 22 <sup>nd</sup> Edition 2340 C	2 mg/L 1500 mg/L
		Chlorides	APHA 22 <sup>nd</sup> Edition 4500-Cl B	5 mg/L to 10000 mg/L
		Sulfates	APHA 22 <sup>nd</sup> Edition 4500-SO <sub>4</sub> <sup>2-</sup> E	2 mg/L to 40 mg/L
		Calcium	APHA 22 <sup>nd</sup> Edition 3500-Ca B	5 mg/L to 1500 mg/L
		Magnesium	APHA 22 <sup>nd</sup> Edition 3500-Mg B	5 mg/L to 1500 mg/L
		Dissolved Oxygen(DO)	APHA 22 <sup>nd</sup> Edition 4500-D C	0.2 mg/L to 20.0 mg/L
		Sodium	APHA 22 <sup>nd</sup> Edition 3500-Na B	0.2 mg/L to 50 mg/L
	Potassium	APHA 22 <sup>nd</sup> Edition 3500-K B	0.2 mg/L to 50 mg/L	

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<b>S.No.</b>	<b>Product / Material of Test</b>	<b>Specific Test Performed</b>	<b>Test Method Specification against which tests are performed</b>	<b>Range of Testing / Limits of Detection</b>
2.	Waste Water	pH	APHA 22 <sup>nd</sup> Edition 4500-H <sup>+</sup> B	1.0 to 14
		Total Solids	APHA 22 <sup>nd</sup> Edition 2540 B	5 mg/L to 20000 mg/L
		Total Dissolved Solids(TDS)	APHA 22 <sup>nd</sup> Edition 2540 C	5 mg/L to 20000 mg/L
		Total Suspended Solids (TSS)	APHA 22 <sup>nd</sup> Edition 2540 D	5 mg/L to 1000 mg/L
		Oil & Grease	APHA 22 <sup>nd</sup> Edition 5520 D	5 mg/L to 25.0 mg/L
<b>II. AIR, GASES &amp; ATMOSPHERE</b>				
1.	Ambient Air Monitoring	Respirable Suspended Particulate matter (PM <sub>10</sub> )	IS 5182 (Part23): 2006	5 µg/m <sup>3</sup> to 1000 µg/m <sup>3</sup>
		Sulphur Dioxide (SO <sub>2</sub> )	IS 5182 (Part 2): 2001 (RA 2006)	4 µg/m <sup>3</sup> to 1050 µg/m <sup>3</sup>
		Oxides of Nitrogen (NO <sub>x</sub> )	IS 5182 (Part 6): 2006	9 µg/m <sup>3</sup> to 750 µg/m <sup>3</sup>
2.	Source Stack Emissions	Particulate Matter (PM)	IS 11255 (Part 1): 1985	5 µg/m <sup>3</sup> to 5000 mg/nm <sup>3</sup>
		Sulphur Dioxide (SO <sub>2</sub> )	IS 11255 (Part 2): 2009	5 µg/m <sup>3</sup> to 1000 mg/nm <sup>3</sup>
		Oxides of Nitrogen (NO <sub>x</sub> )	IS 11255 (Part 7): 1985	5 µg/m <sup>3</sup> to 1000 mg/nm <sup>3</sup>

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