

Laboratory	Enviro-Tech Services, G-232, M.G. Road, Industrial Area, Hapur, Uttar Pradesh		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Chemical Testing	Issue Date	24.09.2015
Certificate Number	T-3594	Valid Until	23.09.2017
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S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
I. AIR, GASES & ATMOSPHERE				
1.	Ambient Air	Sulphur Dioxide (SO ₂)	IS 5182 (Part 2): 2001 (RA 2012)	5 µg/m ³ to 100 µg/m ³
		Nitrogen Dioxide (NO ₂)	IS 5182 (Part 6): 2006	5 µg/m ³ to 100 µg/m ³
		Particulate Matters (PM ₁₀)	IS 5182 (Part 23): 2006	5 µg/m ³ to 1000 µg/m ³
		Particulate Matters (PM _{2.5})	ETS/STP/AIR-03 based on Gravimetric Method / CPCB Method Volume 1, May 2011	5 µg/m ³ to 200 µg/m ³
2.	Stack Emissions	Particulate Matter (PM)	IS 11255 (Part 1): 1985 (RA 2009)	5 mg/Nm ³ to 1000 mg/Nm ³
		Sulphur Dioxide (SO ₂)	IS 11255 (Part 2): 1985 (RA 2009)	5 mg/Nm ³ to 500 mg/Nm ³
		Oxide of Nitrogen (NO _x as NO ₂)	IS 11255 (Part 7): 2005 (RA 2012)	5 mg/Nm ³ to 800 mg/Nm ³
		Carbon Monoxide (CO)	IS 13270: 1992 (RA 2008)	0.1 % to 8 % v/v
		Carbon Dioxide (CO ₂)	IS 13270: 1992 (RA 2008)	0.1 % to 20 % v/v
		Oxygen (O ₂)	IS 13270: 1992 (RA 2008)	0.1 % to 25 % v/v
II. WATER				
1.	Ground Water/ Surface Water/ Drinking Water/ Construction Water	Temperature	IS 3025 (Part 9): 1984 (RA 2002)	5 °C to 50 °C
		Turbidity	IS 3025 (Part 10): 1984 (RA 2012)	5 NTU to 100 NTU
		pH	IS 3025 (Part 11): 1983 (RA 2012)	1 to 12

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	Ground Water/ Surface Water/ Drinking Water/ Construction Water	Specific Conductivity	IS 3025 (Part 14): 1984 (RA 2002)	5 µmhos/cm to 10000 µmhos/cm
		Total Dissolved Solids (TDS)	IS 3025 (Part 16): 1984	2 mg/l to 5000 mg/l
		Total Hardness (TH)	IS 3025 (Part 21): 1983 (RA 2009)	5 mg/l to 1000 mg/l
		Alkalinity	IS 3025 (Part 23): 1986 (RA 2009)	2 mg/l to 1000 mg/l
		Nitrate (NO ₃)	IS 3025 (Part 34): 1988	1 mg/l to 100 mg/l
		Sulphate(SO ₄)	IS 3025 (Part 24): 1986 (RA 2009)	5 mg/l to 500 mg/l
		Chloride (Cl)	IS 3025 (Part 32): 1988	2 mg/l to 3000 mg/l
		Calcium (Ca)	IS 3025 (Part 40): 1991 (RA 2003)	2 mg/l to 500 mg/l
		Magnesium (Mg)	IS 3025 (Part 45): 1994 (RA 2003)	1 mg/l to 500 mg/l
		Biological Oxygen Demand (BOD)	IS 3025 (Part 44): 1993 (RA 2003)	2 mg/l to 1000 mg/l
	Chemical Oxygen Demand (COD)	IS 3025 (Part 58): 2006	5 mg/l to 1000 mg/l	
2.	Waste Water	pH	APHA (22 nd Edition): 2012, 4500-H ⁺	1 to 12
		Total Suspended Solids (TSS)	APHA (22 nd Edition): 2012, 2540 D	5 mg/l to 10000 mg/l
		Total Dissolved Solids (TDS)	APHA (22 nd Edition): 2012, 2540 C	2 mg/l to 50000 mg/l

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	Waste Water	Biological Oxygen Demand (BOD)	APHA (22 nd Edition): 2012, 5210 B	2 mg/l to 10000 mg/l
		Chemical Oxygen Demand (COD)	APHA (22 nd Edition): 2012, 5220 B	5 mg/l to 50000 mg/l
		Oil & Grease	APHA (22 nd Edition): 2012, 5520 C	5 mg/l to 100 mg/l

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