

Laboratory **Quality Metal Testing Services, Plot No. 49, Ganraj Colony No. 4,
Devkar Wasti, Chakarpani Vasahat, Bhosari, Pune, Maharashtra**

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

Certificate Number **TC-7744**

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Validity **16.08.2018 to 15.08.2020**

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.	METALS AND ALLOYS			
1.	Plain Carbon & Low Alloy Steel	Carbon (C)	ASTM E 415 IS 8811	0.02 % to 1.5 %
		Silicon (Si)		0.02 % to 1.5 %
		Sulphur (S)		0.005 % to 0.1 %
		Phosphorous (P)		0.005 % to 0.1 %
		Chromium (Cr)		0.01 % to 1.5 %
		Nickel (Ni)		0.03 % to 2 %
		Manganese (Mn)		0.10 % to 1.5 %
		Molybdenum (Mo)		0.03 % to 0.5 %
		Vanadium (V)		0.003 % to 0.3 %
		Cobalt (Co)		0.010 % to 0.25 %
		Aluminum (Al)		0.02 % to 0.2 %
		Copper (Cu)		0.1 % to 0.5 %
		Niobium (Nb)		0.005 % to 0.12 %
		Tin (Sn)		0.005 % to 0.1 %
2.	Stainless Steel	Boron (B)	ASTM E 1086 IS 9879	0.005 % to 0.01 %
		Carbon (C)		0.010 % to 0.2 %
		Silicon (Si)		0.1 % to 2 %
		Sulphur (S)		0.005 % to 0.1 %
		Phosphorous (P)		0.005 % to 0.1 %
		Chromium (Cr)		16.0 % to 25 %
		Nickel (Ni)		8.0 % to 13 %
		Manganese (Mn)		0.5 % to 2 %
		Molybdenum (Mo)		0.010 % to 3 %
		Copper (Cu)		0.020 % to 0.1 %