

Laboratory Material Testing Laboratory- KEC International Limited, Deori, P.O. – Panagar, Jabalpur, Madhya Pradesh

Accreditation Standard ISO/IEC 17025: 2005

Discipline Chemical Testing **Issue Date** 31.03.2015

Certificate Number T-3340 **Valid Until** 30.03.2017

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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. METALS & ALLOYS				
1.	Carbon and Low Alloy Steel (Plain & Zinc Coated Articles)	Carbon	IS 8811: 1998	0.138 % to 0.298 %
		Manganese	ASTM E415: 2014	0.593 % to 1.377 %
		Silicon		0.189 % to 0.672 %
		Phosphorous		0.0029 % to 0.039 %
		Sulphur		0.001 % to 0.0363 %
		Vanadium		0.002 % to 0.302 %
		Chromium		0.0717 % to 0.660 %
		Molybdenum		0.036 % to 0.482 %
		Nickel		0.108 % to 1.780 %
		Copper		0.0453 % to 0.150 %
		Aluminium		0.016 % to 0.341 %
Titanium		0.003 % to 0.149 %		
Niobium		0.002 % to 0.058 %		

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II. METALLIC COATINGS AND TREATMENT SOLUTIONS

1.	Galvanized Structural Steel	Mass of Zinc Coating	IS 6745: 1972 (RA 1994) ASTM A90/90M: 2013	100 g/m ² to 2800 g/m ²
		Uniformity of Zinc Coating (Preece Test)	IS 2633: 1986 (RA 2006) ASTM A239: 2014	Qualitative

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