

<b>Laboratory</b>	<b>Paint Lab, Tata Motors Limited, Revenue Survey No. 1, Village Northkotpura, Taluka Sanand, Dist. Ahmedabad</b>		
<b>Accreditation Standard</b>	<b>ISO/IEC 17025: 2005</b>		
<b>Discipline</b>	<b>Chemical Testing</b>	<b>Issue Date</b>	<b>05.08.2013</b>
<b>Certificate Number</b>	<b>T-2611</b>	<b>Valid Until</b>	<b>04.08.2015</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. PAINTS &amp; SURFACE COATINGS</b>				
<b>1.</b>	<b>Paints, CED Paints, EPOXY &amp; Acrylic Based Sealants</b>	Viscosity	IS 101 (Part 1/ Sec 5): 1989 JASO M 323-77	10 to 200 sec 130 to 170000 cps
		DFT	IS 101 (Part 3/ Sec-2): 1989	0.1 to 1000 µm
		Ra Value	ISO 4288: 1996 (E)	0.01 to 2 µm
		Solid Content	IS 101 (Part 8/ Sec2): 1990	50 to 100%
		NVM	IS 101 (Part 8/ Sec2): 1993	5 to 80%
		Ash Content	IS 101 (Part 8/ Sec3): 1993	10 to 40%
		Electrical Resistivity	ASTM D 5682-08	1 kΩ to 19.99 GΩ
<b>II. METAL &amp; ALLOYS</b>				
<b>1.</b>	<b>Stainless Steel</b>	Carbon	IS 9879: 1998	0.005 to 0.30%
		Silicon		0.10 to 2.00 %
		Manganese		0.10 to 5.00%
		Sulphur		0.002 to 0.10%
		Phosphorous		0.002 to 0.10%
		Chromium		5.00 to 20.00%
		Nickel		2.00 to 15.00%
		Molybdenum		0.01 to 3.00%

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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
2.	Plain Carbon Steel & Low Alloy Steel	Carbon	IS 8811: 1998 & ASTM E 415	0.01 to 1.50%
		Silicon		0.05 to 2.00%
		Manganese		0.01 to 2.00%
		Sulphur		0.005 to 0.10%
		Phosphorous		0.005 to 0.10%
		Chromium		0.05 to 5.00%
		Nickel		0.05 to 5.00%
		Molybdenum		0.01 to 1.50%
		Vanadium		0.004 to 0.30%
		Titanium		0.01 to 0.25%
		Niobium	0.008 to 0.076%	

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