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SCOPE OF ACCREDITATION

Laboratory	Ramkrishna Forgings Limited, Plot M6, Phase - VI, Gamahria, Jamshedpur (East Singhbhum), Jharkhand		
	Location 1: Plot M6, Phase - VI, Gamahria, Jamshedpur (East Singhbhum), Jharkhand Location 2: Plant V, Baliguma, Jamshedpur, Jharkhand		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Chemical Testing	Issue Date	21.12.2015
Certificate Number	T-2101	Valid Until	20.12.2017
Last Amended on	12.08.2016	Page	1 of 2

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
LOCATION 1				
I.	METALS AND ALLOYS			
1.	Low Alloy Steels	Carbon	ASTM E415: 2014 IS 8811: 1998	0.050 % to 1.50 %
		Silicon		0.05 % to 1.15 %
		Manganese		0.10 % to 2.0 %
		Sulphur		0.0010 % to 0.100 %
		Phosphorus		0.0050 % to 0.10 %
		Chromium		0.1 % to 5.0 %
		Nickel		0.1 % to 5.0 %
		Molybdenum		0.05 % to 0.6 %
		Aluminium		0.010 % to 0.15 %
		Boron		0.002 % to 0.01 %
		Copper		0.10 % to 0.45 %
		Vanadium		0.004 % to 0.30 %
		Nitrogen		0.004 % to 0.015 %


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Program Manager



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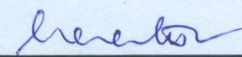
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S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
LOCATION 2				
I.	METALS AND ALLOYS			
1.	Plain Carbon & Low Alloy Steel	Carbon	ASTM E415: 2015 IS 8811: 1998 (RA 2012)	0.010 % to 1.50 %
		Silicon		0.02 % to 1.54 %
		Manganese		0.03 % to 2.0 %
		Sulphur		0.001 % to 0.050 %
		Phosphorus		0.005 % to 0.10 %
		Chromium		0.007 % to 8.14 %
		Nickel		0.006 % to 5.0 %
		Molybdenum		0.007 % to 1.50 %
		Aluminium		0.005 % to 0.15 %
		Boron		0.0004 % to 0.010 %
		Copper		0.006 % to 0.50 %
		Vanadium		0.003 % to 1.00 %

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