Laboratory	**Laboratory, Grey Iron Foundry, Jabalpur, Madhya Pradesh**		
Accreditation Standard	**ISO/IEC 17025: 2005**		
Discipline	**Chemical Testing**	**Issue Date**	**01.06.2015**
Certificate Number	**T-0199**	**Valid Until**	**31.05.2017**
Last Amended on	**-**	**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
I.	**METALS AND ALLOYS**			
1.	**Steel**	C	IS 8811: 1998 ASTM E-415: 2008	0.058 % to 1.06 %
		Si	IS 8811: 1998 ASTM E-415: 2008	0.08 % to 1.38 %
		Mn	IS 8811: 1998 ASTM E-415: 2008	0.13 % to 1.69 %
		S	IS 8811: 1998 ASTM E-415: 2008	0.009 % to 0.06 %
		P	IS 8811: 1998 ASTM E-415: 2008	0.006 % to 0.064 %
		Ni	IS 8811: 1998 ASTM E-415: 2008	0.02 % to 4.58 %
		Cr	IS 8811: 1998 ASTM E-415: 2008	0.08 % to 3 %
2.	**Cast Iron**	Si	IS 15338: 2003	0.27 % to 3.19 %
		Mn	IS 15338: 2003	0.03 % to 1.33 %
		S	IS 15338: 2003	0.012 % to 0.17 %
		P	IS 15338: 2003	0.011 % to 1.08 %
		Cu	IS 15338: 2003	0.08 % to 1 %
		Cr	IS 15338: 2003	0.034 % to 0.36 %

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Last Amended on	**-**	**Page**	**2 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
	Cast Iron	Mg	IS 15338: 2003	0.017 % to 0.11 %
3.	**Ferrous Material**	C	ASTM E-1019: 11	0.015 % to 4.5 %
		S	ASTM E-1019: 11	0.001 % to 0.1 %

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Prachi Kukreti
Convenor

N. Venkateswaran
Program Manager