

Laboratory CQA (HV) Laboratory, CQA (HV), Avadi, Chennai, Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2005

Discipline Chemical Testing **Issue Date** 02.08.2015

Certificate Number T-1270 **Valid Until** 01.08.2017

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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 AND ALLOYS				
1.	Steels (Plain Carbon, Low, Medium and High Alloy Steels)	C	IS 228 (Part 1): 1987 (RA 2008)	0.05 to 2.5
		P	IS 228 (Part 3): 1987 (RA 2002)	0.01 to 0.35
		Si	IS 228 (Part 8): 1989 (RA 2004)	0.05 to 5.00
		Cr	IS 228 (Part 6): 1987 (RA 2002)	0.1 to 25.0
		Ni	IS 228 (Part 5): 1987 (RA 2002)	0.1 to 15.00
		Mo	IS 228 (Part 7): 1990 (RA 2001)	1.00 to 4.00
		Mn	IS 228 (Part 2): 1987 (RA 2002)	0.10 to 2.00
		S	IS 228 (Part 9): 1989 (RA 2004)	0.008 to 0.25
2.	Cast Iron	C	IS 12308 (Part 1): 1987 (RA 2007)	1.00 to 4.50
3.	Copper Alloys	Cu	IS 440: 1964 (RA 2006) IS 3685: 1966 (RA 2006) IS 4027 (Part 1): 1987 (RA 2006)	40.0 to 99.98
		Pb	IS 440: 1964 (RA 2006) IS 3685: 1966 (RA 2006) IS 4027 (Part 1): 1987 (RA 2006)	0.10 to 10.0
		Mn	IS 3685: 1966 (RA 2006)	0.20 to 0.40
4.	Aluminium Alloys	Cu	ASTM E34: 2011	0.10 to 6.00
		Si	IS 504 (Part 1): 2002 (RA 2009)	0.3 to 13.00
		Mn	IS 504 (Part 5): 2002 (RA 2009)	0.01 to 1.5

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Anita Rani
Convenor

N. Venkateswaran
Program Manager