

Laboratory Vedanta Limited- Aluminium & Power, Plant - 1, Jharsuguda, Odisha
Accreditation Standard ISO/IEC 17025: 2005
Discipline Chemical Testing **Issue Date** 14.11.2014
Certificate Number T-3184 **Valid Until** 13.11.2016
Last Amended on 15.02.2016 **Page** 1 of 1

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.	Aluminium and Aluminium Alloys	Si	ASTM 1251-11	0.052 % to 7.27 %
		Fe	ASTM 1251-11	0.053 % to 0.64 %
		Cu	ASTM 1251-11	0.0052 % to 3.11 %
		Mn	ASTM 1251-11	0.006 % to 1.1 %
		Mg	ASTM 1251-11	0.0033 % to 4.97 %
		Cr	ASTM 1251-11	0.0066 % to 0.21 %
		Ni	ASTM 1251-11	0.0147 % to 0.049 %
		Zn	ASTM 1251-11	0.0065 % to 0.72 %
		Ti	ASTM 1251-11	0.05 % to 0.18 %
		Ca	ASTM 1251-11	0.001 % to 0.004 %
		Ga	ASTM 1251-11	0.014 % to 0.024 %
		P	ASTM 1251-11	0.0012 % to 0.004 %
		V	ASTM 1251-11	0.016 % to 0.022 %
		Zr	ASTM 1251-11	0.0018 % to 0.0034 %
		Na	ASTM 1251-11	0.0012 % to 0.034 %
		B	ASTM 1251-11	0.0014 % to 0.0023 %
		Be	ASTM 1251-11	0.001 % to 0.0017 %
		Co	ASTM 1251-11	0.0011 % to 0.002 %

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