

Laboratory	Shriram Institute for Industrial Research, 19, University Road, Delhi		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Non-Destructive Testing	Issue Date	24.10.2014
Certificate Number	T-3169	Valid Until	14.10.2016
Last Amended on	-	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. BUILDING MATERIALS				
1.	Reinforced Concrete Structures / Cement Concrete / Structural Members	Compressive strength (Rebound hammer)	IS:13311(Part 2): 1992 (RA 2008) ASTM C 805- 2008, BS 1881 (Part 203) : 1986	10 N/mm²to 68.9 N/mm²
		Ultra sonic Pulse Velocity	IS:13311(Part 1): 1992 (RA 2008) ASTM C 597 : 2009	0.1 km/s to 6 km/s
		Cover depth	ASTM A 615 / A615-01b BS 1881 (Pt 204)-1988	5 mm to 100 mm
		Half Cell Potential	ASTM C 876 -2009	(+) 50 to (-) 1000 mV
		Carbonation	BS 1881 (Part 201): 1986	Qualitative (Low to high)
		Rebar mapping	ASTM A 615 / A615-01b BS 4408 (Pt 1) -1969	Spacing-36mm min.
-X-X-X-X-X-X-X-X-X-X-X-X-				