

Laboratory	Sterlite Technologies Ltd, Survey No. 99/P, Madhuban Dam Road, Rakholi, Silvassa		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Mechanical Testing	Issue Date	04.07.2014
Certificate Number	T-1426	Valid Until	03.07.2016
Last Amended on	-	Page	1 of 3

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
I. METAL & METAL PRODUCTS				
1.	Aluminum & Aluminum Alloy conductor and wire	Diameter	IS 398 Pt-I-1996, IS 398 Pt-II-1996, IS 398 (Pt 4)-1994, IEC 61089:1991-05, ASTM B 232-2011, ASTM B 399-2004(2010), BS EN 50182-2001	1 to 15 mm
		Breaking Load	IS 398 Pt-I-1996, IS 398 Pt-II-1996, IS 398 (Pt 4)-1994, IEC 61089:1991-05, ASTM B 232-2011, ASTM B 399-2004(2010), BS EN 50182-2001	0.5 to 30 kN
		Lay Ratio	IS 398 Pt-I-1996, IS 398 Pt-II-1996, IS 398 (Pt 4)-1994, IEC 61089:1991-05, ASTM B 232-2011, ASTM B 399-2004(2010), BS EN 50182-2001	10 to 17
		Elongation	IS 398 (Pt 4)-1994, IEC 61089:1991-05, ASTM B 232-2011, ASTM B 399-2004(2010), BS EN 50182-2001	0 to 25 %

Laboratory	Sterlite Technologies Ltd, Survey No. 99/P, Madhuban Dam Road, Rakholi, Silvassa		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Mechanical Testing	Issue Date	04.07.2014
Certificate Number	T-1426	Valid Until	03.07.2016
Last Amended on	-	Page	2 of 3

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
		Wrapping	IS 398 Pt-I-1996, IS 398 Pt-II-1996, IS398 Pt-V, IEC 61089:1991-05, ASTM B 232-2011, ASTM B 399-2004(2010), BS EN 50182-2001	Wrap on 1 x diameter
2.	Galvanized Steel core & wire	Diameter	IS 398 Pt-II-1996, IS 398 Pt-V, IEC 61089:1991-05, ASTM B 232-2011, BS EN 50182-2001	1 to 15 mm
		Breaking Load	IS 398 Pt-II-1996, IS 398 Pt-V, IEC 61089:1991-05, ASTM B 232-2011, BS EN 50182-2001	2 to 30 KN
		Lay Ratio	IS 398 Pt-II-1996, IS 398 Pt-V, IEC 61089:1991-05, ASTM B 232-2011, BS EN 50182-2001	13 to 30
		Torsion test	IS 398 Pt-II-1996, IS 398 Pt-V, IEC 61089:1991-05 BS EN 50182-2001	10 to 50 turns

Laboratory Sterlite Technologies Ltd, Survey No. 99/P, Madhuban Dam Road, Rakholi, Silvassa
Accreditation Standard ISO/IEC 17025: 2005
Discipline Mechanical Testing **Issue Date** 04.07.2014
Certificate Number T-1426 **Valid Until** 03.07.2016
Last Amended on - **Page** 3 of 3

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
		Elongation test	IS 398 Pt-II-1996, IS 398 Pt-V, IEC 61089:1991-05, ASTM B 232-2011 BS EN 50182-2001	0 to 8 %
		Wrapping	IS 398 Pt-II-1996, IS 398 Pt-V, IEC 61089:1991-05, ASTM B 232-2011 BS EN 50182-2001	Wrap on 1 or 2 x diameter Wrap & Unwrap on 4 x diameter

~~-X-X-X-X-X-X-X-X-X-X-X-X-~~