

**Laboratory** Composite Materials Testing Laboratory, Aerospace Composite Division,  
Hindustan Aeronautics Limited, Helicopter Complex, Marathahalli Post,  
Bangalore, Karnataka

**Accreditation Standard** ISO/IEC 17025: 2005

**Discipline** Mechanical Testing **Issue Date** 10.10.2016

**Certificate Number** T-2535 **Valid Until** 07.06.2017

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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
<b>I. MECHANICAL PROPERTIES OF METALS</b>				
1.	<b>Composite Materials (Fibre Reinforced Plastics)</b>	Inter Laminar Shear Strength Test (ILSS) (at room temperature)	DIN 29971 /91 CMD / QAP (ALH)/024 Issue No: D, Dt: 18.08.2012	2 MPa to 150 MPa (50 N to 3000 N)
		Flat Wise Tensile Test (FTT) (at room temperature)	LN53292 /74 CMD / QAP (ALH)/036 Issue No: B, Dt: 18.08.2012	Qualitative
		Lap Shear Strength Test (at room temperature)	LN53283 /74 CMD / QAP (ALH)/025 Issue No: C, Dt: 07.11.2014	2 MPa to 75 MPa (500 N to 20000 N)

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