

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

Accreditation Standard ISO/IEC 17025: 2005

Discipline Non Destructive Testing **Issue Date** 10.10.2016

Certificate Number T-2536 **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
I. FIBRE REINFORCED PLASTICS				
1.	Composite Materials (Fibre Reinforced Plastics)	Ultrasonic Testing (A scan)	Pulse-Echo Contact method CMD/QAP (ALH)/020 Issue B Dt: 01.10.2012 D/HD-Q/11/88 QAP Issue A (1988)	Qualitative (1 mm to 100 mm monolithic)
			Transmission Contact method CMD/QAP (ALH)/020 Issue B Dt: 01.10.2012 D/HD-Q/11/88 QAP Issue A (1988)	Qualitative (1 mm to 100 mm monolithic & 6 mm to 100 mm Sandwich)
		Ultrasonic Testing (C Scan) Through -	Transmission technique CMD/QAP (ALH)/016 Issue-B, Dt-10-01-2015 D/HD-Q/11/88 QAP Issue-A (1988)	Qualitative (1 mm to 500 mm monolithic & 6 mm to 500 mm Sandwich)
		X-ray based Computed Tomography(CT)	CMD/QAP (ALH)/017 Issue-B, Dt: 17.01.2015	Qualitative (2 mm to 100mm)

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