National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : COMPOSITE MATERIALS TESTING LABORATORY, AEROSPACE COMPOSITE DIVISION, HINDUSTAN AERONAUTICS LIMITED, HELICOPTER COMPLEX, MARATHAHALLI POST, BENGALURU, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 05/07/2022 to 04/07/2024 **Last Amended on** 26/08/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Composite Materials (Fibre Reinforced Plastics)	Flat Wise Tensile Test (FTT) (at room temperature)	CMD/QAP (ALH)/036 Issue No B dt 18.08.2012 (Based on LN 53292 / 74)
2	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Composite Materials (Fibre Reinforced Plastics)	Lap Shear Strength Test - Performed at room temperature	CMD / QAP (ALH)/025 Issue No C dt 07.11.2014 (Based on LN 53283 / 74)
3	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Composite Materials (Fibre Reinforced Plastics)	Inter Laminar Shear Strength Test (ILSS) - Performed at room temperature	CMD/QAP (ALH)/024,Issue No. D dt 18.08.2012 (Based on DIN 29971/91)
4	NON-DESTRUCTIVE-METALS & ALLOYS	Composite Materials (Fibre Reinforced Plastics)	Ultrasonic Testing - A-Scan Through - Transmission Contact Method	CMD/QAP(ALH)/020 Issue B dt 01.10.2012
5	NON-DESTRUCTIVE-METALS & ALLOYS	Composite Materials (Fibre ReinforcedPlastics)	Ultrasonic Testing - A- scan pulse -Echo Contact Method	CMD/QAP(ALH)/020 Issue B dt 01.10.2012
6	NON-DESTRUCTIVE-METALS & ALLOYS	Composite Materials (Fibre Reinforced Plastics)	Ultrasonic Testing - C-Scan Through - Transmission Squirter Method	CMD/QAP(ALH)/016 Issue B , dt 10.01.2015