National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : GLOBAL ENGINEERING & TECHNOLOGY CENTER - TEST LABORATORY, GOODRICH AEROSPACE SERVICES PVT. LTD., 14/1 & 15/1, MARUTHI INDUSTRIAL ESTATE, PHASE 2, HOODY VILLAGE, K.R. PURAM HOBLI, WHITEFIELD ROAD, BENGALURU, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6844 **Page No** 1 of 2

Validity 03/12/2021 to 02/12/2023 **Last Amended on** 24/01/2022

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-PERFORMANCE/DURABILITY/ SAFETY TEST	Airborne Equipment - Actuators & Accessories, Avionic Products & Interior Products	High Temperature	RTCA DO160G-Section 4
2	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Airborne Equipment - Actuators & Accessories, Avionic Products & Interior Products.	Low Temperature	RTCA DO160G-Section 4
3	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Airborne Equipment - Actuators & Accessories, Avionic Products & Interior Products.	Operation Shock and Crash Safety	RTCA DO 160G, Section 7
4	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Airborne Equipment - Actuators & Accessories, Avionic Products & Interior Products.	Salt Fog	ASTM B117
5	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Airborne Equipment - Actuators & Accessories, Avionic Products & Interior Products.	Salt Fog	RTCA DO 160G-section 14
6	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Airborne Equipment - Actuators & Accessories, Avionic Products & Interior Products.	Vibration	RTCA DO 160G, section 8
7	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Silicone Heaters	Peel Test	ASTM D1876
8	MECHANICAL- TEXTILE MATERIALS	(Polyurethane, Neoprene) used in manufacturing of aircraft emergency evacuation slides/life rafts (Airborne equipment)	Air Retention	PS 43 Rev C-2010 (MIL-C-19002 D-1985 & ASTM D 5193/D 5193 M-93(2017)
9	MECHANICAL- TEXTILE MATERIALS	(Polyurethane, Neoprene) used in manufacturing of aircraft emergency evacuation slides/life rafts	Hot blocking and Cold cracking	SP 746 Rev. 1 FTMS Std. no. 191 A Method 5872 and Method 5874)
10	MECHANICAL- TEXTILE MATERIALS	(Polyurethane, Neoprene) used in manufacturing of aircraft emergency evacuation slides/life rafts (Airborne equipment)	Coating Adhesion	SP 733 Rev 7 (FTMS 191A 1978 METHOD 5970)
11	MECHANICAL- TEXTILE MATERIALS	(Polyurethane, Neoprene) used in manufacturing of aircraft emergency evacuation slides/life rafts (Airborne equipment)	Flammability - Horizontal	SP 731 Rev 5, Federal Aviation Regulation, Part 25, Airworthiness standards: Transport category Airplanes: Para 25.853(a), Amendment 25-83 Eff.3/6/95
12	MECHANICAL- TEXTILE MATERIALS	(Polyurethane, Neoprene) used in manufacturing of aircraft emergency evacuation slides/life rafts (Airborne equipment)	Flammability - Vertical	SP 721 Rev 11(Vertical) and ASTM D 6413M-15 (Vertical test)DOT/FAA/AR-00/12,Aircraft Material Fire Test Handbook, FAR, Part 25,para 25.853(a) and TSO-C69C-1999

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13	MECHANICAL- TEXTILE MATERIALS	(Polyurethane, Neoprene) used in manufacturing of aircraft emergency evacuation slides/life rafts (Airborne equipment)	Grab Tensile Strength	SP 752 Rev A (FTMS 191A 1978 Method 5100 and TSO-C69c-1999)
14	MECHANICAL- TEXTILE MATERIALS	(Polyurethane, Neoprene) used in manufacturing of aircraft emergency evacuation slides/life rafts (Airborne equipment)	Puncture Resistance	SP 748 Rev 1 (TSOC69c-1999)
15	MECHANICAL- TEXTILE MATERIALS	(Polyurethane, Neoprene) used in manufacturing of aircraft emergency evacuation slides/life rafts (Airborne equipment)	Radiant Heat Resistance	SP 732 Rev 3(ASTM F 828-1983 and TSOC69c-1999)
16	MECHANICAL- TEXTILE MATERIALS	(Polyurethane, Neoprene) used in manufacturing of aircraft emergency evacuation slides/life rafts (Airborne equipment)	Seam Peel Strength	SP 717 Rev 4 (FTMS 191A 1978 Method 5960, 5100 and TSOC69c-1999)
17	MECHANICAL- TEXTILE MATERIALS	(Polyurethane, Neoprene) used in manufacturing of aircraft emergency evacuation slides/life rafts (Airborne equipment)	Seam Shear	SP 717Rev 4 (FTMS 191A 1978 METHOD 5100 and TSO-C69c-1999)
18	MECHANICAL- TEXTILE MATERIALS	(Polyurethane, Neoprene) used in manufacturing of aircraft emergency evacuation slides/life rafts (Airborne equipment)	Trapezoidal Tear Strength	SP 753 Rev B (FTMS 191A 1978 Method 5970) ASTM D5587 2015
19	MECHANICAL- TEXTILE MATERIALS	(Polyurethane, Neoprene) used in manufacturing of aircraft emergency evacuation slides/life rafts (Airborne equipment)	Weight of Fabric	SP 754 Rev A (FTMS 191A 1978, Method 5041-2000)