National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : AUTOLIV INDIA PVT. LTD., PLOT NOS: 31, 32-P, 33-P, HI-TECH, DEFENCE AND AEROSPACE PARK (IT SECTOR), JALA INDUSTRIAL AREA, BENGALURU NORTH YELAHANKA, BENGALURU, BENGALURU URBAN, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9003 **Page No** 1 of 2

Validity 18/09/2022 to 17/09/2024 **Last Amended on** 28/10/2022

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-AUTOMOTIVE COMPONENTS	Airbag	Static Deployment Test	ISO 12097-2; Clause 6.1
2	MECHANICAL-AUTOMOTIVE COMPONENTS	Seat Belt	Abrasion Conditioning	ECE R16-8:2014 Clause 7.4.1.6, IS 15140 Clause 5.4.2.7:
3	MECHANICAL-AUTOMOTIVE COMPONENTS	Seat Belt	Buckle Opening Test	ECE R16-8 Clause 7.8:2014, IS 15140 Clause 5.5.3:
4	MECHANICAL-AUTOMOTIVE COMPONENTS	Seat Belt	Buckle Strength Test	ECE R16-8 Clause 7.5.5:2014, IS 15140 Clause 5.2.2:
5	MECHANICAL-AUTOMOTIVE COMPONENTS	Seat Belt	Durability of Buckle	ECE R16-8 Clasue 6.2.2.4:2014, IS 15140 Clause 4.2.2.3:
6	MECHANICAL-AUTOMOTIVE COMPONENTS	Seat Belt	Durability of Retractor Mechanism	ECE R16-8 Clause 7.6.1:2014, IS 15140 Clause 5.3.1:
7	MECHANICAL-AUTOMOTIVE COMPONENTS	Seat Belt	Dust Resistance	ECE R16-8 Clause 7.6.3:2014, IS 15140 Clause 5.3.3:
8	MECHANICAL-AUTOMOTIVE COMPONENTS	Seat Belt	Locking of Emergency Locking Retractors	ECE R16-8 Clause 7.6.2:2014, IS 15140 Clause 5.3.2:
9	MECHANICAL-AUTOMOTIVE COMPONENTS	Seat Belt	Strap Strength Test after Room conditioning	ECE R16-8 Clause 7.4.2:2014, IS 15140 Clause 5.4.2.2:
10	MECHANICAL-AUTOMOTIVE COMPONENTS	Seat Belt	Strength Test on adjusting device	ECE R16-8 Clause 7.5.1:2014, IS 15140 Clause 5.2.1:
11	MECHANICAL-AUTOMOTIVE COMPONENTS	Seat Belt	Strength Test on attachments	ECE R16-8 Clause 7.5.2:2014, IS 15140 Clause 5.2.2:
12	MECHANICAL-AUTOMOTIVE COMPONENTS	Seat Belt Assembly	Dynamic Test	ECE R16-8 Clause 7.7:2014, IS 15140 Clause 5.5.2:
13	MECHANICAL-AUTOMOTIVE COMPONENTS	Seat Belt Assembly	Retracting force	ECE R16-8 Clause 7.6.4: 2014, IS 15140 Clause 5.3.4:

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14	MECHANICAL-AUTOMOTIVE COMPONENTS	Steering WheelAirbagSeat BeltOther Automotive Components	Mechanical Shock Test	ISO 16750-3 Clause 4.2:2007, JASO D001 Clause 5.24:1994, IS 9000-7:
15	MECHANICAL-AUTOMOTIVE COMPONENTS	Steering WheelAirbagSeat BeltOther Automotive Components	Temperature cycling test	ISO 16750-4 Clause 5.3:2006, JASO D001 Clause 5.16:
16	MECHANICAL-AUTOMOTIVE COMPONENTS	Steering WheelAirbagSeat BeltOther Automotive Components	Temperature Shock Test	ISO 12097-2 Clause 5.8:1996, JASO D001 Clause 5.17:
17	MECHANICAL-AUTOMOTIVE COMPONENTS	Steering WheelAirbagSeat BeltOther Automotive Components	Tests at constant temperature	ISO 16750-4 Clause 5.1: 2006, JASO D001 Clause 5.12, 5.13, 5.14, 5.15:
18	MECHANICAL-AUTOMOTIVE COMPONENTS	Steering WheelAirbagSeat BeltOther Automotive Components	Thermal Humidity Cycle Test	ISO 16750-4 Clause 5.6:2006, ISO 12097- 2 Clause 5.5:1996, JASO D001 Clause 5.18, 5.19:
19	MECHANICAL-AUTOMOTIVE COMPONENTS	Steering WheelAirbagSeat BeltOther Automotive Components	Vibration Test	ISO 16750-3:2007, ISO 12097-2 Clause 5.4:1996, JASO D001 Clause 5.23:1994, JIS D1601:
20	MECHANICAL-AUTOMOTIVE COMPONENTS	Steering Wheel	Durability Test, Bending Resistance Test, Torsional Resistance Test	JASO C713 Clause 7.3.1, 7.3.2:
21	MECHANICAL-AUTOMOTIVE COMPONENTS	Steering Wheel	Static Durability Testa. Static bending testb. Static torsion test	JASO C713 Clause 7.2.1, 7.2.2: