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CERTIFICATE OF ACCREDITATION

This is to attest that

THE AUTOMOTIVE RESEARCH ASSOCIATION OF INDIA

B 16/1, MAHALUNGE MIDC CHAKAN TALUKA KHED
PUNE, MH, 410501, INDIA

Testing Laboratory TL-1276

has met the requirements of AC89, *IAS Accreditation Criteria for Testing Laboratories*, and has demonstrated compliance with ISO/IEC Standard 17025:2017, *General requirements for the competence of testing and calibration laboratories*. This organization is accredited to provide the services specified in the scope of accreditation.

Effective Date May 28, 2025



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SCOPE OF ACCREDITATION

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THE AUTOMOTIVE RESEARCH ASSOCIATION OF INDIA

Location	Address	Contact Name	Contact Phone	Scope Pages
Location 1	B 16/1, Mahalunge Midc Chakan Taluka Khed, Pune, Mh, 410501, India	Praveen Dambal	+919422008185	2-5
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Location 1

MECHANICAL – Noise & Vibration	
AIS 125(Part 1)	Constructional and Functional Requirements for Road Ambulances - Annexure 1 Recognition and Visibility of Ambulances (Inclusion: Clause V - Sirens)
ASTM C423	Standard Test method for sound absorption and sound absorption coefficients by the reverberation room method
ASTM E90	Standard Test Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions and Elements
ASTM E492	Standard Test Method for Laboratory Measurement of Impact Sound Transmission Through Floor-Ceiling Assemblies Using the Tapping Machine
IEC 60704-2-14	Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Particular requirements for refrigerators, frozen-food storage cabinets and food freezers
IS 1391 (Part 1)	Room Air Conditioners - Specification - Unitary Air Conditioners (Inclusion: Clause 6.5 - Sound Ratings)
IS 1391 (Part 2)	Room Air Conditioners Specification - Split Air Conditioners (Inclusion: Clause 6.5 - Sound Ratings)
IS 1884	Automotive vehicles - Electric horns - Specification (Inclusion: Clause 8.6 - Sound Pressure Level Test)
ISO 354	Acoustics - Measurement of sound absorption in a reverberation room
ISO 3743 - Part 1	Acoustics - Determination of Sound power levels and sound energy levels of noise sources using sound pressure - Engineering methods for small movable sources in reverberant fields - Part 1: Comparison method for a hard-walled test room
ISO 3743 - Part 2	Acoustics - Determination of Sound power levels and sound energy levels of noise sources using sound pressure - Engineering methods for small movable sources in reverberant fields - Part 2: Methods for special reverberation test rooms
ISO 3744	Acoustics - Determination of sound power levels and sound energy levels of noise sources using sound pressure - Engineering methods for an essentially free field over a reflecting plane

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ISO 3745	Acoustics - Determination of sound power levels and sound energy levels of noise sources using sound pressure - Precision methods for anechoic rooms and hemi-anechoic rooms
ISO 10140-2	Acoustics - Laboratory measurement of sound insulation of building elements - Part 2: Measurement of airborne sound insulation
ISO 10140-3	Acoustics - Laboratory measurement of sound insulation of building elements - Part 3: Measurement of impact sound insulation
ISO 26101-1	Acoustics - Test methods for the qualification of the acoustic environment - Part 1: Qualification of free-field environments
MECHANICAL – Performance, Durability and Safety	
AIS-125 (Part 1)	Constructional and Functional Requirements for Road Ambulances Clause 5.0 Dynamic test (Resistance to Inertia Effects) Using Advanced Acceleration Sled test facility)
ECE 17-09	Uniform provisions concerning the approval of: vehicles with regard to the seats, their anchorages and any head restraints Luggage Retention test (Using Advanced Acceleration Sled test facility) as per Cl. 5.16, Annex 9 Dynamic test (Resistance to Inertia Effects) (Using Advanced Acceleration Sled test facility) as per Cl. 5.2.5, 5.2.6, 5.2.7, 6.3
IS 15546	Automotive vehicles - seats, their anchorages and head restraints for category m1-specification Luggage Retention test (Using Advanced Acceleration Sled test facility) Annex 9, Cl. No. 5.9, 6.0 Dynamic test (Resistance to Inertia Effects) (Using Advanced Acceleration Sled test facility) as per Cl. 5.3, 6.0
Australian Design Rule 3/03	Seats and Seat Anchorages Luggage Retention test (Using Advanced Acceleration Sled test facility) Annex-9 Cl.5.15 Cl. 6.3 of Appendix A Dynamic test (Resistance to Inertia Effects) (Using Advanced Acceleration Sled test facility) Cl. 5.1.5, 5.1.6, 5.1.7, 6.3 Cl. 6.3 of Appendix A
SANS 20017	Uniform provisions concerning the approval of vehicles with regard to the seats, their anchorages and any head restraints Luggage Retention test (Using Advanced Acceleration Sled test facility) Annex 9 Dynamic test (Resistance to Inertia Effects) (Using Advanced Acceleration Sled test facility) Cl. 6.3
AIS-023	Automotive Vehicles - Seats, their Anchorages and Head Restraints for Passenger Vehicles of Categories M2, M3 and Goods Vehicles of Category N – Specifications Dynamic test (Resistance to Inertia Effects) (Using Advanced Acceleration Sled test facility) Cl. 4.2.3, 4.3.3, 4.4.3
AIS-038 (Rev. 2)	Automotive Industry Standards - Specific requirements for electric power train of vehicles

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	Part I: requirements of a vehicle with regard to specific requirements for the electric power train Part II: requirements of a rechargeable electrical energy storage system (REESS) with regard to its safety Mechanical shock (Dynamic Sled Test) (Using Advanced Acceleration Sled test facility) Cl. no 6.4, Annex IX C
ECE 100-03	Uniform provisions concerning the approval of: vehicles with regard to specific requirements for the electric power train Mechanical shock (Dynamic Sled Test) (Using Advanced Acceleration Sled test facility) Cl. no. 6.4, Annexure- 9C
ECE R 21.01	Uniform provisions concerning the approval of: vehicles with regard to their interior fittings Impact Test by Sled method (Using Advanced Acceleration Sled Test Facility) as per Annex – 8, Cl. No. 5.1.7 & 5.9.2
Australian Design Rule 21/00	Instrument Panel Impact Test by Sled method (Using Advanced Acceleration Sled Test Facility) Annex – 8, Cl. No. 5.1.7 & 5.9.2
IS 15223	Automotive Vehicles – Interior Fittings – Specification Impact Test by Sled method (Using Advanced Acceleration Sled Test Facility) as per Annex – E, Cl. No. 4.1.7 & 4.8.2
SANS 20021	Uniform provisions concerning the approval of vehicles with regard to their interior fittings Impact Test by Sled method (Using Advanced Acceleration Sled Test Facility)
AIS 197	Bharat New Car Assessment Program Knee mapping tests on Acceleration Sled Test Facility
Global NCAP Testing Protocols	Global New Car Assessment Programme Knee mapping tests on Acceleration Sled Test Facility
ASEAN NCAP Protocol	Test Protocol for Knee Mapping Sled Knee mapping tests on Acceleration Sled Test Facility
Latin American & Caribbean New Car Assessment Programme	Testing Protocols Knee mapping tests on Acceleration Sled Test Facility
European New Car Assessment Program (Euro NCAP)	Sled test procedure for assessing knee impact areas Knee mapping tests on Acceleration Sled Test Facility

Location 2

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MECHANICAL – Performance, Durability and Safety	
SAE J1630	Airbag Module Deployment Test Procedure Exclusion: Sun Load Simulation Pressure Measurement

