

Laboratory Test Lab (R & D), Krishna Maruti Limited (Seat Division), 40 KM, NH-8, Delhi-Jaipur Highway, Village Narsinghpur, Gurgaon, Haryana

Accreditation Standard ISO/IEC 17025: 2005

Certificate Number TC-8213

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Validity 21.12.2018 to 20.12.2020

Last Amended on 21.01.2019

"In view of the transition for ISO/IEC 17025:2017, the validity of this accreditation certificate will cease on 30.11.2020"

Sl.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
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MECHANICAL TESTING

I.	AUTOMOTIVE COMPONENTS			
1.	Seat Back	Seat Back Strength	AIS 016, Clause 5.2 ECE R17.08, Amd 2, Clause 6.2 IS 15546, Clause 5.2 TM-01	0.2 kN to 9.0 kN
2.	Head Restraint	Head Restraint- Performance Test (For front seat and rear seat with two O/B headrests only)	AIS 016, Clause 5.4 ECE R17.08, Amd 2, Clause 6.4 AIS 016, Clause 5.4 IS 15546, Clause 5.4	0.2 kN to 9.0 kN
		Height of Head Restraint	ECE R17.08, Amd 2, Clause 6.5 AIS 016, Clause 5.5 IS 15546, Clause 5.5	0.1 mm to 1000 mm
		Width of Head Restraint	AIS 016, Clause 5.6 ECE R17.08, Amd 2, Clause 6.6 IS 15546, Clause 5.6	1 mm to 300 mm
		Distance "a" of Head Restraint (Gap)	AIS 016, Clause 5.7 ECE R17.08, Amd 2, Clause 6.7 IS 15546, Clause 5.7	1 mm to 100 mm
3.	Seat	Dimension Measurement of H-Point	TM-02 ECE R17.08, Amd 2, AIS 016, Clause 5.8.5 IS 13749	0.1 mm to 300 mm
4.	Sheet Metal Parts & Tubular Parts of Seats	Tensile Strength Yield Strength % Elongation	IS 1608	1 kN to 100 kN 1 kN to 100 kN 2 % to 70 %

Deepak Kumar Sharma
Convenor

Anuja Anand
Program Manager

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Sl.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
5.	Seat Back Assy.	Vibration Durability Test	TM-03	Sagging 0.2 kN to 9.0 kN
6.	Seat Cushion Assy.	Vibration Durability Test	TM-04	Sagging 0.2 kN to 10.0 kN
7.	Frame Assy.	Horizontal Backward Moment Loading	TM-05	Deflection Angle 0 to 15 Degree 0.2 kN to 13 kN
		R & L 45 Degree Moment Durability Test	TM-06	Deflection Angle 0 to 5 Degree 0.2 kN to 10 kN
		Forward & Backward Moment Durability Test	TM-07	Deflection Angle 0 to 7 Degree 0.2 kN to 10 kN