

BUREAU OF INDIAN STANDARDS

Program of Work

TED 29 : Passive Safety Crash Protection Systems

Scope: a) Standardization in the field of passive safety crash protection systems and impact test procedures. b) Co-ordination of work with ISO/TC 22 and its sub-committee ISO/TC 22/SC 36.

Liaison: **ISO TC-22 SC-36 (P): Safety and impact testing ISO TC-22 (P): Road vehicles**

Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 11939:1996 Reviewed In : 2017	Automotive vehicles - Steering control systems - Impact protection requirements and methods of measurement (First Revision)	March, 2017	1	Indigenous
2	IS 12009:1995 Reviewed In : 2025	Automotive vehicle - Safety requirements for side door of passenger cars - Recommendations (First Revision)	August, 2025	1	Indigenous
3	IS/ISO 12097-1:2002 ISO 12097 - 1 Reviewed In : 2025 ISO 12097 - 1	Road vehicles Airbag components Part 1: Vocabulary	August, 2025	-	Identical under single numbering
4	IS/ISO 12097-2:1996 ISO 12097-2 ISO 12097-2	ROAD VEHICLES AIRBAG COMPONENTS PART 2: TESTING OF AIRBAG MODULES		-	Identical under single numbering
5	IS/ISO 12097-3:2002 ISO 12097-3 ISO 12097-3	ROAD VEHICLES AIRBAG COMPONENTS PART 3: TESTING OF INFLATOR ASSEMBLIES		-	Identical under single numbering
6	IS 13389:1992 ISO 3984 Reviewed In : 2022 ISO 3984: 1982	Road vehicles - Passenger cars - Moving barrier rear collision test method	September, 2022	-	Modified/Technically Equivalent
7	IS 13390:1992 ISO 3560 Reviewed In : 2022 ISO 3560: 1975	Road vehicles - Frontal fixed barrier collision test method	September, 2022	-	Modified/Technically Equivalent
8	IS 13391:2007 ISO 6813 Reviewed In : 2022 ISO 6813: 1998	Road vehicles - Collision classification - Terminology (First Revision)	September, 2022	-	Identical under dual numbering
9	IS 13749:2009 Reviewed In : 2024	Automotive vehicles - Procedure for determining the "H" point and the torso angle for 50th percentile adult male in seating positions of	December, 2024	-	Indigenous

		motor vehicles			
10	IS/ISO/IWA 14-1:2013 ISO/IWA 14-1: 2013 ISO/IWA 14-1: 2013	VEHICLE SECURITY BARRIERS PART 1 : PERFORMANCE REQUIREMENT VEHICLE IMPACT TEST METHOD AND PERFORMANCE RATING		-	Identical under single numbering
11	IS 14225:2017 Reviewed In : 2019	Automotive vehicles - Locking systems and door retention components - General requirements (First Revision)	March, 2019	2	Indigenous
12	IS 14682:2004 Reviewed In : 2022	Automotive vehicles - Lateral protection (Side Guards) - Technical requirements (First Revision)	September, 2022	1	Indigenous
13	IS 14812:2021	IS 14812 : 2020 AUTOMOTIVE VEHICLES REAR UNDERRUN PROTECTIVE DEVICE - GENERAL REQUIREMENTS (Second Revision)		-	Indigenous
14	IS 15139:2002 Reviewed In : 2022	Automotive vehicles - Safety belt anchorage - Specification	September, 2022	3	Indigenous
15	IS 15140:2018 Reviewed In : 2022	Automotive vehicles - Safety belt and restraint systems - Specification (First Revision)	September, 2022	2	Indigenous
16	IS 15223:2016 Reviewed In : 2022	Automotive vehicles - Interior fittings - Specification (First Revision)	September, 2022	-	Indigenous
17	IS 15546:2005 Reviewed In : 2019	Automotive vehicles - Seats, their anchorage and head restraints or category M1- Specification	September, 2019	2	Indigenous
18	IS 15901:2010 Reviewed In : 2024	Automotive Vehicles?bumper Fitment On--M1 Categoryof Vehicles?test Methods	December, 2024	2	
19	IS 16694:2018 Reviewed In : 2022	Automotive Vehicles- Safety Belts, Restraint Systems and Safety Belt Reminder- Installation Requirements	September, 2022	2	Indigenous
20	IS 16837:2018 Reviewed In : 2022	Automotive vehicles - Interior fittings for other than m1 category of vehicles - Specification	March, 2022	-	Indigenous
21	IS 16903:2018 Reviewed In : 2022	Automotive vehicles - Seats, their anchorage and head restraints for passenger vehicles of categories 17, m2, m3 and goods vehicles of category N - Specification	March, 2022	-	Indigenous
22	IS 16904:2018 Reviewed In : 2022	Survival space for the protection of the occupants of the cab of a commercial vehicle	August, 2022	1	Indigenous
23	IS 16905:2018 Reviewed In : 2022	Automotive vehicles - Front underrun protective devices (Fupds) - General requirements	August, 2022	-	Indigenous
24	IS 18619 (Part 1):2024 ISO 13215-1 : 2006 ISO 13215-1 : 2006	Road Vehicles i½ Reduction of Misuse Risk of Child Restraint Systems Part 1 Forms for Field Studies		-	Identical under dual numbering
25	IS 18619 (Part 2):2024 ISO 13215-2 : 2022	ROAD VEHICLES - REDUCTION OF MISUSE RISK OF CHILD RESTRAINT		-	Identical under dual numbering

	ISO 13215-2 : 2022	SYSTEMS PART 2 : REQUIREMENTS AND TEST PROCEDURES FOR CORRECT INSTALLATION (PANEL METHOD)			
26	IS 18619 (Part 3):2024 ISO 13215-3 : 2022 ISO 13215-3 : 2022	ROAD VEHICLES - REDUCTION OF MISUSE RISK OF CHILD RESTRAINT SYSTEMS PART 3 PREDICTION AND ASSESSMENT OF MISUSE BY MISUSE MODE AND EFFECT ANALYSIS (MMEA)		-	Identical under dual numbering
27	IS 18623 (Part 1):2024 ISO 29061-1 : 2010 ISO 29061-1 : 2010	Road Vehicles $\bar{i}_L^{1/2}$ Methods and Criteria for Usability Evaluation of Child Restraint Systems and Their Interface with Vehicle Anchorage Systems Part 1 Vehicles and Child Restraint Systems Equipped with ISOFIX Anchorages and Attachments		-	Identical under dual numbering
28	IS 18623 (Part 3):2024 ISO 29061-3 : 2017 ISO 29061-3 : 2017	Road Vehicles $\bar{i}_L^{1/2}$ Methods and Criteria for Usability Evaluation of Child Restraint Systems And their Interface with Vehicle Anchorage Systems Part 3 Installation of Child Restraint Systems Using Vehicle Seat Belts		-	Identical under dual numbering
29	IS 18623 (Part 4):2024 ISO 29061-4 : 2017 ISO 29061-4 : 2017	Road Vehicles $\bar{i}_L^{1/2}$ Methods and Criteria for Usability Evaluation of Child Restraint Systems and Their Interface with Vehicle Anchorage Systems Part 4 Securing of Child in Child Restraint System and Daily Handling Aspects		-	Identical under dual numbering
30	IS 18631 (Part 1):2024 ISO/TS 22239-1 : 2018 ISO/TS 22239-1 : 2018	Road Vehicles $\bar{i}_L^{1/2}$ Child Seat Presence and Orientation Detection System (CPOD) Part 1 Specifications and Test Methods		-	Identical under dual numbering
31	IS 18631 (Part 2):2024 ISO/TS 22239-2 : 2018 ISO/TS 22239-2 : 2018	Road Vehicles $\bar{i}_L^{1/2}$ Child Seat Presence and Orientation Detection System (CPOD) Part 2 Resonator Specification		-	Identical under dual numbering
32	IS 18631 (Part 3):2024 ISO/TS 22239-3 : 2017 ISO/TS 22239-3 : 2017	Road Vehicles $\bar{i}_L^{1/2}$ Child Seat Presence and Orientation Detection System (CPOD) Part 3 Labelling		-	Identical under dual numbering
33	IS 18635 (Part 1):2024 ISO 13216-1 : 1999 ISO 13216-1 : 1999	ROAD VEHICLES - ANCHORAGES IN VEHICLES AND ATTACHMENTS TO ANCHORAGES FOR CHILD RESTRAINT SYSTEMS PART 1 : SEAT BIGHT ANCHORAGES AND ATTACHMENTS		-	Identical under dual numbering

34	IS 18635 (Part 2):2024 ISO 13216-2:2004 ISO 13216-2:2004	ROAD VEHICLES - ANCHORAGES IN VEHICLES AND ATTACHMENTS TO ANCHORAGES FOR CHILD RESTRAINT SYSTEMS PART 2 : TOP TETHER ANCHORAGES AND ATTACHMENTS		-	Identical under dual numbering
35	IS 18635 (Part 3):2024 ISO 13216-3 : 2018 ISO 13216-3 : 2018	ROAD VEHICLES - ANCHORAGES IN VEHICLES AND ATTACHMENTS TO ANCHORAGES FOR CHILD RESTRAINT SYSTEMS PART 3:CLASSIFICATION OF CHILD RESTRAINT SYSTEM AND SPACE IN VEHICLE		-	Identical under dual numbering
36	IS 18643:2024 ISO 13218 : 1998 ISO 13218 : 1998	Road Vehicles i _c ½ Child Restraint Systems i _c ½ Report Form for Accidents Involving Child Passengers		-	Identical under dual numbering
37	IS 18654:2024 ISO/TS 29062 : 2009 ISO/TS 29062 : 2009	Road Vehicles i _c ½ Child Restraint Systems i _c ½ Sled Test Method to Enable the Evaluation of Side Impact Protection		-	Identical under dual numbering
38	IS 18713:2024	Approval of Restraining Devices for Child Occupants of Power-Driven Vehicles Child Restraint System		-	Indigenous
39	IS 18748:2024 ISO/TR 14646 : 2007 ISO/TR 14646 : 2007	Road Vehicles i _c ½ Side Impact Testing of Child Restraint Systems i _c ½ Review of Background Data and Test Methods		-	Identical under dual numbering

Standards under Development

Projects Approved

SI. No.	Doc No.	Title
No Records Found		

Preliminary Draft Standards

SI. No.	Doc No.	Title
1	TED 29 (28767)	TYPE APPROVAL OF MOTOR VEHICLES WITH REGARDS TO EVENT DATA RECORDER EDR

Drafts Standards in WC Stage

SI. No.	Doc No.	Title
No Records Found		

Draft Standards Completed WC Stage

SI. No.	Doc No.	Title
1	TED 29 (25909)	Uniform Provisions Concerning the Approval of Child Restraint Systems for Safer Transport of Children in Buses and Coaches
2	TED 29 (25910)	ROAD VEHICLES MEASUREMENT TECHNIQUES IN IMPACT TESTS

Finalized Draft Indian Standard		
Sl. No.	Doc No.	Title
1	TED 29 (19959) Revision of: IS 11939:1996	Automotive vehicles - Steering control systems - Impact protection requirements and methods of measurement Second Revision

Finalized Draft Indian Standards under Print		
Sl. No.	Doc No.	Title
1	TED 29 (25692)	GUIDELINES ON PROVISIONS FOR ADAPTED VEHICLES OF CATEGORIES M1 N1 AND M2

Total Published Standards:22 Total Standards Under development:5
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Aspect Wise Report	
Product : 8	
Code of Practices : 1	
Methods of Test : 11	
Terminology : 2	
Dimensions : 3	
System Standard : 0	
Safety Standard : 4	
Others : 6	
Service Specification : 0	
Process Specification : 0	
Unclassified : 0	

Annexure-I :List of Indian Standards Withdrawn/Superseded		
Sl. No.	IS No. & Year	Title
No Records Found		

Annexure-II :List of Indian Product Standards		
Sl. No.	IS No. & Year	Title
1	IS/ISO/IWA 14-1:2013 ISO/IWA 14-1: 2013	VEHICLE SECURITY BARRIERS PART 1 PERFORMANCE REQUIREMENT VEHICLE IMPACT TEST METHOD AND PERFORMANCE RATING
2	IS 14682:2004 Reviewed In : 2022	Automotive vehicles - Lateral protection Side Guards - Technical requirements First Revision
3	IS 15139:2002 Reviewed In : 2022	Automotive vehicles - Safety belt anchorages - Specification
4	IS 15223:2016 Reviewed In : 2022	Automotive vehicles - Interior fittings - Specification First Revision
5	IS 15546:2005 Reviewed In : 2019	Automotive vehicles - Seats their anchorages and head restraints or category M1- Specification
6	IS 16694:2018 Reviewed In : 2022	Automotive Vehicles- Safety Belts Restraint Systems and Safety Belt Reminder- Installation Requirements
7	IS 16837:2018 Reviewed In : 2022	Automotive vehicles - Interior fittings for other than m1 category of vehicles - Specification
8	IS 18631 (Part 2):2024 ISO/TS 22239-2 : 2018	Road Vehicles Child Seat Presence and Orientation Detection System CPOD Part 2 Resonator Specification

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