

## 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 <i>Reviewed In : 2017</i>	Automotive vehicles - Steering control systems - Impact protection requirements and methods of measurement (First Revision)	March, 2017	1	Indigenous
2	IS 12009 : 1995 <i>Reviewed In : 2020</i>	Automotive vehicle - Safety requirements for side door of passenger cars - Recommendations (First Revision)	December, 2020	1	Indigenous
3	IS/ISO 12097-1 : 2002 ISO 12097 - 1 <i>ISO 12097 - 1</i>	Road vehicles Airbag components Part 1: Vocabulary		-	Identical under single numbering
4	IS/ISO 12097-2 : 1996 ISO 12097-2 <i>ISO 12097-2</i>	ROAD VEHICLES AIRBAG COMPONENTS PART 2: TESTING OF AIRBAG MODULES		-	Identical under single numbering
5	IS/ISO 12097-3 : 2002 ISO 12097-3 <i>ISO 12097-3</i>	ROAD VEHICLES AIRBAG COMPONENTS PART 3: TESTING OF INFLATOR ASSEMBLIES		-	Identical under single numbering
6	IS 13389 : 1992 ISO 3984 <i>Reviewed In : 2022</i> <i>ISO 3984: 1982</i>	Road vehicles - Passenger cars - Moving barrier rear collision test method	September, 2022	-	Modified/Technically Equivalent
7	IS 13390 : 1992 ISO 3560 <i>Reviewed In : 2022</i> <i>ISO 3560: 1975</i>	Road vehicles - Frontal fixed barrier collision test method	September, 2022	-	Modified/Technically Equivalent
8	IS 13391 : 2007 ISO 6813 <i>Reviewed In : 2022</i> <i>ISO 6813: 1998</i>	Road vehicles - Collision classification - Terminology (First Revision)	September, 2022	-	Identical under dual numbering
9	IS 13749 : 2009 <i>Reviewed In : 2019</i>	Automotive vehicles - Procedure for determining the "H" point and the torso angle for 50th percentile adult male in seating positions of motor vehicles	September, 2019	-	Indigenous

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 anchorages - Specification	September, 2022	2	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 anchorages and head restraints or category M1- Specification	September, 2019	2	Indigenous
18	IS 15901 : 2010 Reviewed In : 2019	Automotive Vehicles?bumper Fitment On--M1 Categoryof Vehicles?test Methods	September, 2019	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 anchorages 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 ½ 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 ISO 13215-2 : 2022	ROAD VEHICLES - REDUCTION OF MISUSE RISK OF CHILD RESTRAINT SYSTEMS PART 2 :		-	Identical under dual numbering

		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 $\dot{i}_L$ $\frac{1}{2}$ 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 $\dot{i}_L$ $\frac{1}{2}$ 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 $\dot{i}_L$ $\frac{1}{2}$ 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 $\dot{i}_L$ $\frac{1}{2}$ 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 $\dot{i}_L$ $\frac{1}{2}$ 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 $\dot{i}_L$ $\frac{1}{2}$ 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) :	ROAD VEHICLES -		-	Identical under dual

	2024 ISO 13216-2:2004 ISO 13216-2:2004	ANCHORAGES IN VEHICLES AND ATTACHMENTS TO ANCHORAGES FOR CHILD RESTRAINT SYSTEMS PART 2 : TOP TETHER ANCHORAGES AND ATTACHMENTS			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 $i_c/2$ Child Restraint Systems $i_c/2$ 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 $i_c/2$ Child Restraint Systems $i_c/2$ 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 $i_c/2$ Side Impact Testing of Child Restraint Systems $i_c/2$ Review of Background Data and Test Methods		-	Identical under dual numbering

### Standards under Development

#### Projects Approved

SI. No.	Doc No.	Title
<i>No Records Found</i>		

#### Preliminary Draft Standards

SI. No.	Doc No.	Title
<i>No Records Found</i>		

#### Drafts Standards in WC Stage

SI. No.	Doc No.	Title
1	TED 29 (19959) <b>Revision of: IS 11939:1996</b>	Automotive vehicles - Steering control systems - Impact protection requirements and methods of measurement Second Revision

#### 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 INSTRUMENTATION

### Finalized Draft Indian Standard

SI. No.	Doc No.	Title
1	TED 29 (25692)	GUIDELINES ON PROVISIONS FOR ADAPTED VEHICLES OF CATEGORIES M1 N1 AND M2

### Finalized Draft Indian Standards under Print

SI. No.	Doc No.	Title
1	TED 29 (26083)	Automotive vehicles - Safety belt anchorages - Specification Amendment - 3

Total Published Standards:22 Total Standards Under development:5

### 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

SI. No.	IS No. & Year	Title
<i>No Records Found</i>		

### Annexure-II :List of Indian Product Standards

SI. 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 <i>Reviewed In : 2022</i>	Automotive vehicles - Lateral protection Side Guards - Technical requirements First Revision
3	IS 15139 : 2002 <i>Reviewed In : 2022</i>	Automotive vehicles - Safety belt anchorages - Specification
4	IS 15223 : 2016 <i>Reviewed In : 2022</i>	Automotive vehicles - Interior fittings - Specification First Revision
5	IS 15546 : 2005 <i>Reviewed In : 2019</i>	Automotive vehicles - Seats their anchorages and head restraints or category M1- Specification
6	IS 16694 : 2018 <i>Reviewed In : 2022</i>	Automotive Vehicles- Safety Belts Restraint Systems and Safety Belt Reminder- Installation Requirements
7	IS 16837 : 2018 <i>Reviewed In : 2022</i>	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

