

BUREAU OF INDIAN STANDARDS

Program of Work

TED 4 : Automotive Braking Systems, Vehicle Testing, Steering and performance Evaluation

Scope: a)Standardization of automotive braking systems, steering systems and their components, testing of vehicles as a whole for performance evaluation and road worthiness b)Co-ordination of work with ISO/TC 22 and its Sub-committees ISO/TC 22/SC 33, TC 22/SC 38 and ISO/TC 22/SC 39.

Liaison: **ISO TC-22 (P): Road Vehicles ISO TC-22 SC-33 (O): Vehicle dynamics, chassis components and driving automation systems testing ISO TC-22 SC-35 (P): Lighting and visibility ISO TC-22 SC-38 (P): Motorcycles and mopeds ISO TC-22 SC-39 (O): Ergonomics ISO TC-22 (P): Road Vehicles ISO TC-22 SC-33 (O): Vehicle dynamics, chassis components and driving automation systems testing ISO TC-22 SC-35 (P): Lighting and visibility ISO TC-22 SC-38 (P): Motorcycles and mopeds ISO TC-22 SC-39 (O): Ergonomics**

Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 10278:2018	Motorcycles - Measurement of maximum speed (Third Revision)	January, 2023	-	Indigenous
2	IS 10399:2022	AUTOMOTIVE VEHICLES- NOISE EMITTED BY STATIONARY VEHICLES- METHOD OF MEASUREMENT		-	Indigenous
3	IS 10407:1998	Automotive vehicles - Two wheelers - Acceleration performance - Method of evaluation (Second Revision)	January, 2025	-	Indigenous
4	IS 10881:1994	Automotive vehicles - Mopeds, scooters and motorcycles method of evaluation of fuel consumption (First Revision)	March, 2025	-	Indigenous
5	IS 11029:1984 Decision taken to Reaffirm and Archive	Specification for steering ball races for mopeds	March, 2025	-	Indigenous
6	IS 11422:2001 ISO 6726	Terms and definitions of weights of two wheeled motor vehicles (First Revision)	August, 2022	-	Indigenous
7	IS 11432:2002 ISO 6725	Terms and definitions of dimensions of two wheeled motor vehicles (First Revision)	August, 2022	-	Indigenous
8	IS 11739:2024	METHOD OF RECORDING DUST INGRESS IN AUTOMOTIVE VEHICLES		-	Indigenous

9	IS 11825:2023	Automotive Vehicles –½ Method of Weighment (First Revision)		-	Indigenous
10	IS 11827:2008	Automotive vehicles - Calibration of speedometer - Method of evaluation (Second Revision)	November, 2023	3	Indigenous
11	IS 11839:2024	Procedure for Splash Proof Testing of Automotive Vehicles (First Revision)		-	Indigenous
12	IS 11849:2024	Method of Determination of Centre of Gravity of Automotive Vehicles (First Revision)		-	Indigenous
13	IS 11850:2024	Automotive Vehicles –” Odometer Systems –” Method of Evaluation (Second Revision)		-	Indigenous
14	IS 11851:2024	METHOD OF EVALUATION OF ACCELERATION OF AUTOMOTIVE VEHICLES		-	Indigenous
15	IS 11852:2019	Automotive vehicles - Uniform provisions concerning the approval of vehicles of categories m2, m3, N and t with regard to braking (Third Revision)	May, 2024	2	Indigenous
16	IS 11865:2006	Automotive vehicles - Method of conducting waterproofing test (First Revision)	August, 2022	-	Indigenous
17	IS 11877:2019	Automotive Vehicles - Maximum Speed of Automotive Vehicles - Method of Evaluation (First Revision) Amendment - 1	May, 2024	1	Indigenous
18	IS 11921:2020	Automotive Vehicles — Method of Evaluation of Constant Speed Fuel Consumption (Second Revision)	-	-	Indigenous
19	IS 11948:2010	Automotive vehicles - Steering effort - Method of evaluation (Second Revision)	September, 2022	2	Indigenous
20	IS 12105:2014	Automotive Vehicles - Valves of Automotive Air Brake Systems - Method of Test (Amendment-1)	December, 2024	1	Indigenous
21	IS 12159:2018	Method of evaluation of accuracy of parameters of steering geometry of automotive vehicles (Second Revision)	January, 2023	-	Indigenous
22	IS/ISO 12161:2006 ISO 12161 : 2006 ISO 12161: 2006	Road Vehicles - Endurance Braking Systems of Motor Vehicles and Towed Vehicles - Test Procedures	March, 2021	-	Identical under single numbering
23	IS 12218:2018	Method of measurement of approach, departure and ramp angles of automotive vehicles (First Revision)	May, 2024	-	Indigenous
24	IS 12222:2011	Automotive vehicles - Turning circle and maneuverability requirements (First Revision)	September, 2022	2	Indigenous
25	IS 12695:1989 Decision taken to Reaffirm and Archive	Automotive vehicles -Three wheeled vehicles - Determination of centre of gravity	March, 2025	-	Indigenous
26	IS 12793:2012	Motorcycles - Measurement	March, 2021	-	Indigenous

	ISO 9130 : 2005	method for location of centre of gravity (First Revision)			
27	IS 12821:2017	Automotive vehicles - Braking system, tube connections - Dimensions (First Revision)	August, 2022	-	Indigenous
28	IS 12831:2024	Automotive Vehicles â€” Braking Systems â€” Banjo Bolt Connections â€” Dimensions (First Revision)		-	Indigenous
29	IS 12832:2010	Automotive vehicles - Interior noise - Method of measurement and requirements (First Revision)	March, 2021	1	Indigenous
30	IS 12851:2023	AUTOMOTIVE VEHICLES - HYDRAULIC BRAKE SYSTEMS TUBINGS - PERFORMANCE REQUIREMENTS		-	Indigenous
31	IS 12884:2015	Automotive vehicles - Braking systems, rubber boots for brake wheel cylinders - Performance requirements (First Revision)	January, 2020	-	Indigenous
32	IS 13207:2024	AUTOMOTIVE VEHICLES - HYDRAULIC BRAKING SYSTEMS - WHEEL CYLINDER PERFORMANCE REQUIREMENTS		-	Indigenous
33	IS 13224:1991 Decision taken to Reaffirm and Archive	Automotive vehicles - Hydraulic braking systems - Master cylinder performance requirements	May, 2024	1	Indigenous
34	IS 13225:2024	Automotive Vehicles â€” Hydraulic Braking Systems â€” Rubber Cups â€” Specification (First Revision)		-	Indigenous
35	IS 13249:2014	Automotive vehicles - Braking systems - Rubber seal for disc brake cylinder - Performance requirements (First Revision)	May, 2024	-	Indigenous
36	IS 13363:2017	Automotive vehicles - Air brake systems - Performance requirements for drain valves (First Revision) Amendment - 1	December, 2024	1	Indigenous
37	IS 13453:1994	Automotive vehicles - Braking systems - Method of test on brake dynamometer for two and three wheelers (First Revision)	July, 2019	1	Indigenous
38	IS 13476:2006	Automotive vehicles - Mechanical steering gear - Methods of test (First Revision)	September, 2022	-	Indigenous
39	IS 13492:1992	Automotive vehicles - Two wheelers - Method of evaluation of brake pedal strength requirements	March, 2025	1	Indigenous
40	IS 13603:2014	Automotive vehicles - Air brake systems - Performance requirements for brake chamber (First Revision) Amendment - 1	December, 2024	1	Indigenous
41	IS 13604:2014	Automotive vehicles - Air brake systems - Performance requirements for dual brake valve	December, 2024	1	Indigenous

		(First Revision) Amendment - 1			
42	IS 13988:2014	Automotive vehicles - Starting gradeability - Method of measurement and requirement (Second Revision)	December, 2024	-	Indigenous
43	IS 14269:2024	AUTOMOTIVE VEHICLES INTEGRAL POWER STEERING GEAR METHOD OF TEST (FIRST REVISION)		-	Indigenous
44	IS 14283:2024	Automotive Vehicles "Accelerator Control Systems" Safety Requirements (First Revision)		-	Indigenous
45	IS 14382:2014	Automotive vehicles - Speed limitation devices - Specification (First Revision)	September, 2019	-	Indigenous
46	IS 14557:2024	Automotive Vehicles "Cooling Performance" Method of Measurement (First Revision)		-	Indigenous
47	IS 14610:1999	Automotive vehicles - Fuel consumption on chassis dynamometer - Method of measurement	March, 2025	-	Indigenous
48	IS 14664:2010	Automotive vehicles - Performance requirements and testing procedure for braking system of two and three wheeled motor vehicles (First Revision)	March, 2021	6	Indigenous
49	IS 15702:2006	Automotive vehicles - Air brake hose - Specification	August, 2022	-	Indigenous
50	IS 15708:2006 ISO 6312	Road vehicles - Brake linings - Shear test procedure for disc brake pad and drum brake shoe assemblies	December, 2022	-	Indigenous
51	IS 15783:2008	Road vehicles - Brake control levers for two and three wheeled motor vehicles - Specification	November, 2023	-	Indigenous
52	IS 15986:2015	Automotive vehicles - Uniform provisions concerning the approval of vehicles of categories m1 and n1 with regard to braking	April, 2020	3	Indigenous
53	IS 16137 (Part 1):2026	Automotive Vehicles — Methods of Measurement of Braking Coefficient of Road Surfaces Part 1 SRTT Method (First Revision)		-	Indigenous
54	IS 16137 (Part 1):2014	Automotive vehicles - Methods of measurement of braking coefficient of road surfaces: Part 1 srtt method	January, 2019	-	Indigenous
55	IS 16137 (Part 2):2025	Automotive Vehicles - Methods of Measurement of Braking Coefficient of Road Surfaces Part 2 Pendulum Method (First Revision)		-	Indigenous
56	IS 17128 (Part 2):2019	Automotive Vehicles "Vehicle Dynamics Test Methods Part 2 Steady-State Test Procedure for Vehicle Stability and Controllability" Open-Loop and	January, 2024	-	Indigenous

		Closed Loop Test			
57	IS 17128 (Part 1):2019	Automotive vehicles ? vehicle dynamics test methods: Part 1 general test conditions	May, 2024	-	Indigenous
58	IS 17128 (Part 3):2021	AUTOMOTIVE VEHICLES- VEHICLE DYNAMICS MEASUREMENTS TEST PROCEDURE PART-3: TRANSIENT RESPONSE TEST PROCEDURE OPEN LOOP AND CLOSED LOOP TEST		-	Indigenous
59	IS 17128 (Part 4):2026	Automotive Vehicles — Vehicle Dynamics Test Methods Part 4 Ride Comfort Measurements		-	
60	IS 17128 (Part 5):2026	Automotive Vehicles — Vehicle Dynamics Test Methods Part 5 Subjective Evaluation Vehicle Ride, Handling, Steering		-	
61	IS 17132:2025	Replacement Brake Lining Assemblies and Drum Brake Linings for Power-Driven Vehicles and Their Trailers - Specification (first revision)		-	Indigenous
62	IS 17871:2022	AUTOMOTIVE VEHICLE NOISE EMITTED BY STATIONARY VEHICLES METHOD OF MEASURMENT NON-ORIGINAL REPLACEMENT EXHAUST SILENCING SYSTEMS RESS FOR TWO AND THREE WHEELED VEHICLES		-	Indigenous
63	IS 2742 (Part 6):2026 ISO 6310	Automotive Vehicles Brake Linings Part 6 Compressive Strain Test Methods First Revision		-	Modified/Technically Equivalent
64	IS 2742 (Part 1):1994	Automotive vehicles - Brake linings (Non - Rubberized): Part 1 specification (First Revision)	July, 2019	1	Indigenous
65	IS 2742 (Part 2):1999	Automotive vehicles - Brake linings - Rubberised: Part 2 specification	July, 2019	1	Indigenous
66	IS 2742 (Part 3):1994	Automotive vehicles - brake linings: Part 3 methods of test	January, 2025	2	Indigenous
67	IS 2742 (Part 4):1994	Automotive vehicles - Brake linings: Part 4 coefficient of friction - method of test	July, 2019	2	Indigenous
68	IS 2742 (Part 5):1994	Automotivevehicles - - Brakelinings: Part 5 internal shear strength - Method of test	July, 2019	1	Indigenous
69	IS 2742 (Part 6):2018 ISO 6310	Automotive vehicles - Brake linings: Part 6 compressive strain test methods		-	Modified/Technically Equivalent
70	IS 2742 (Part 7):2018	Automotive vehicles - Brake linings: Part 7 shear test procedure for disc brake pad and drum brake shoe assemblies		1	Indigenous

71	IS 3028 (Part 1):2018	Automotive vehicles - Noise emitted by moving vehicles - Specification and method of measurement: Part 1 L 2 category	November, 2023	1	Indigenous
72	IS 3028:1998 ISO/DIS 362	Automotive vehicles - Noise emitted by moving vehicles - Method of measurement (Second Revision)	March, 2025	6	Indigenous
73	IS 3028 (Part 2):2023	AUTOMOTIVE VEHICLES NOISE EMITTED BY MOVING VEHICLES SPECIFICATION AND METHOD OF MEASUREMENT PART 2 : OTHER THAN L2 AND L5 CATEGORY		1	Indigenous
74	IS 7079:2008	Automotive vehicles - Brake hose assemblies for hydraulic braking systems used with non - Petroleum base brake fluid specification (Third Revision)	May, 2024	2	Indigenous
75	IS 9211:2003	Terms and definitions of weights of road vehicles other than 2 and 3 wheelers (Second Revision)	May, 2024	1	Indigenous
76	IS 9435:2004 ISO 612 (E) ISO 612 (E)	Terms and Definitions Relating to Dimensions of Road Vehicles Other than 2 and 3 Wheelers	March, 2025	1	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
1	TED 4 (28768)	TYPE APPROVAL OF MOTOR VEHICLES OF CATEGORIES M2 M3 N2 AND N3 WITH REGARD TO THE ADVANCED EMERGENCY BRAKING SYSTEMS AEBS

Drafts Standards in WC Stage

SI. No.	Doc No.	Title
1	TED 4 (33151)	Approval of vehicles with regard to the Advanced Emergency Braking System AEBS for M1 and N1 vehicles

Draft Standards Completed WC Stage

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

Finalized Draft Indian Standard

SI. No.	Doc No.	Title
1	TED 4 (24035) Revision of: IS 14785:2000	Automotive Vehicles Determination of Road-Load Constants by Coast Down Test Method First Revision

Finalized Draft Indian Standards under Print

Sl. No.	Doc No.	Title
1	TED 4 (01048) Revision of: IS 12159:2018	METHOD OF EVALUATION OF ACCURACY OF PARAMETERS OF STEERING GEOMETRY OF AUTOMOTIVE VEHICLES SECOND REVISION OF IS 12159 2007
2	TED 4 (00896) Revision of: IS 12884:2015	AUTOMOTIVE VEHICLES BRAKING SYSTEMS RUBBER BOOTS FOR BRAKE WHEEL CYLINDERS PERFORMANCE REQUIREMENTS First Revision
3	TED 4 (00898) Revision of: IS 12821:2017	Automotive Vehicles - Braking Systems Tube Connections - Dimensions
4	TED 4 (00932)	Automotive Vehicles-Noise Emitted by moving vehicles-Specification and method of measurement Part 1 L2 category
5	TED 4 (00936) Revision of: IS 13363:2017	Automotive vehicles - Air brake systems - Performance requirements for drain valves
6	TED 4 (00996) Revision of: IS 12218:2018	Method of Measurement of Approach Departure and Ramp Angles of Automotive Vehicles
7	TED 4 (10235) Revision of: IS 10278:2018	MOTORCYCLES - MEASUREMENT OF MAXIMUM SPEED
8	TED 4 (10511)	Automotive Vehicles Performance--Requirements And Testing Procedure For--Braking System Of Two And Three--Wheeled Motor Vehicles Amendment - 1
9	TED 4 (11179)	AUTOMOTIVE VEHICLES NOISE EMITTED BY MOVING VEHICLES SPECIFICATION AND METHOD OF MEASUREMENT PART 3 L5 CATEGORY VEHICLES
10	TED 4 (11499)	Automotive Vehicles - Odometer Systems - Method Of Evaluation Amendment - 1
11	TED 4 (11500)	Method Of Evaluation Of Acceleration Of Automotive Vehicles Amendment - 1
12	TED 4 (11501)	Method Of Evaluation Of Maximum Speed Of Automotive Vehicles Amendment - 1
13	TED 4 (11962)	Automotive Vehicles Steering--Effort Method of Evaluation Amendment - 1
14	TED 4 (12093) Revision of: IS 11921:2020	AUTOMOTIVE VEHICLES METHOD OF EVALUATION OF CONSTANT SPEED FUEL CONSUMPTION
15	TED 4 (12192) Revision of: IS 11852:2019	AUTOMOTIVE VEHICLES UNIFORM PROVISIONS CONCERNING THE APPROVAL OF VEHICLES OF CATEGORIES M2 M3 N AND T WITH REGARD TO BRAKING
16	TED 4 (12266)	AUTOMOTIVE VEHICLES BRAKE LININGS Part 6 Compressive strain test methods
17	TED 4 (12271)	AUTOMOTIVE VEHICLES BRAKE LININGS Part 7 Shear test procedure for disc brake pad and drum brake shoe assemblies
18	TED 4 (12464)	Automotive vehicles - Brake hose assemblies for hydraulic braking systems used with non-petroleum base brake fluid Amendment - 2
19	TED 4 (12467)	Automotive Vehicles Turning Circle and Amendment - 2
20	TED 4 (12571)	Automotive Vehicles Performance--Requirements And Testing Procedure For--Braking System Of Two And Three--Wheeled Motor Vehicles Amendment - 2
21	TED 4 (12575)	AUTOMOTIVE VEHICLES VEHICLE DYNAMICS TEST METHODS PART 1 GENERAL TEST CONDITIONS
22	TED 4 (12576)	AUTOMOTIVE VEHICLES VEHICLE DYNAMICS TEST METHODS PART 2 STEADY-STATE TEST PROCEDURE FOR VEHICLE STABILITY AND CONTROLLABILITY OPEN-LOOP AND CLOSED LOOP TEST
23	TED 4 (12595)	GUIDELINE SPECIFICATIONS FOR REPLACEMENT BRAKE LINING ASSEMBLIES AND DRUM BRAKE LININGS FOR POWER-DRIVEN VEHICLES AND THEIR TRAILERS
24	TED 4 (12599)	AUTOMOTIVE VEHICLES- VEHICLE DYNAMICS MEASUREMENTS TEST PROCEDURE PART-3 TRANSIENT RESPONSE TEST PROCEDURE OPEN LOOP AND CLOSED LOOP TEST
25	TED 4 (13068) Revision of: IS 3028:1998	AUTOMOTIVE VEHICLES NOISE EMITTED BY MOVING VEHICLES SPECIFICATION AND METHOD OF MEASUREMENT PART 2 OTHER THAN L2 AND L5 CATEGORY
26	TED 4 (13317) Revision of: IS 10399:1998	AUTOMOTIVE VEHICLES- NOISE EMITTED BY STATIONARY VEHICLES-METHOD OF MEASUREMENT
27	TED 4 (13346) Revision of: IS 11877:2019	AUTOMOTIVE VEHICLES MAXIMUM SPEED OF AUTOMOTIVE VEHICLES METHOD OF EVALUATION first revision
28	TED 4 (14656)	AUTOMOTIVE VEHICLE NOISE EMITTED BY STATIONARY VEHICLES METHOD OF MEASUREMENT NON-ORIGINAL REPLACEMENT EXHAUST SILENCING SYSTEMS RESS FOR TWO AND THREE WHEELED VEHICLES
29	TED 4 (14661)	Automotive Vehicles Uniform Provisions Concerning the Approval of Vehicles of Categories M2 M3 N and T with Regard to Braking Third Revision Amendment - 1
30	TED 4 (14663)	Automotive Vehicles Steering--Effort Method of Evaluation Amendment - 2

31	TED 4 (14667)	Automotive Vehicles Performance--Requirements And Testing Procedure For--Braking System Of Two And Three--Wheeled Motor Vehicles Amendment - 3
32	TED 4 (14690)	Automotive Vehicles - Uniform Provisions Concerning the Approval of Vehicles of Categories M1 and N1 with Regard to Braking Amendment - 1
33	TED 4 (14694)	Automotive Vehicles - Noise Emitted by Moving Vehicles - Method of Measurement Amendment - 6
34	TED 4 (14695)	Automotive Vehicle - Calibration of Speedometer - Method of Evaluation Amendment - 3
35	TED 4 (15487)	Road vehicles Endurance braking systems of motor vehicles and towed vehicles Test procedures
36	TED 4 (15745)	Guideline Specifications for Replacement Brake Lining Assemblies and Drum Brake Linings for Power-Driven Vehicles and Their Trailers Amendment - 1
37	TED 4 (15746)	Automotive vehicles - Performance requirements and testing procedure for braking system of two and three wheeled motor vehicles First Revision Amendment - 4
38	TED 4 (19183)	Automotive Vehicles - Uniform Provisions Concerning the Approval of Vehicles of Categories M N and T with Regard to Braking Amendment - 1
39	TED 4 (20076)	Automotive vehicles - Performance requirements and testing procedure for braking system of two and three wheeled motor vehicles First Revision Amendment - 5
40	TED 4 (20099)	Automotive vehicles - Uniform provisions concerning the approval of vehicles of categories m2 m3 N and t with regard to braking Third Revision Amendment - 2
41	TED 4 (20101)	Automotive vehicles - Uniform provisions concerning the approval of vehicles of categories M1 and N1 with regard to braking Amendment - 2
42	TED 4 (20200) Revision of: IS 11849:1986	METHOD OF DETERMINATION OF CENTRE OF GRAVITY OF AUTOMOTIVE VEHICLES First Revision
43	TED 4 (20201) Revision of: IS 14269:1995	AUTOMOTIVE VEHICLES INTEGRAL POWER STEERING GEAR METHOD OF TEST FIRST REVISION
44	TED 4 (20385) Revision of: IS 11851:1986	METHOD OF EVALUATION OF ACCELERATION OF AUTOMOTIVE VEHICLES
45	TED 4 (20390) Revision of: IS 11825:1986	Automotive Vehicles Method of Weighment First Revision
46	TED 4 (20391) Revision of: IS 11839:1986	PROCEDURE FOR SPLASH PROOF TESTING OF AUTOMOTIVE VEHICLES First Revision
47	TED 4 (20393) Revision of: IS 11739:1986	METHOD OF RECORDING DUST INGRESS IN AUTOMOTIVE VEHICLES
48	TED 4 (20394) Revision of: IS 11850:1998	AUTOMOTIVE VEHICLES - ODOMETER SYSTEMS - METHOD OF EVALUATION
49	TED 4 (21428)	Automotive vehicles - Interior noise - Method of measurement and requirements First Revision Amendment - 1
50	TED 4 (21882)	Automotive vehicles - Noise emitted by moving vehicles - Specification and method of measurement Part 1 L 2 category Amendment - 1
51	TED 4 (22708)	AUTOMOTIVE VEHICLES NOISE EMITTED BY MOVING VEHICLES SPECIFICATION AND METHOD OF MEASUREMENT PART 2 OTHER THAN L2 AND L5 CATEGORY Amendment - 1
52	TED 4 (22750) Revision of: IS 13225:1992	Automotive Vehicles Hydraulic Braking Systems Rubber Cups Specification
53	TED 4 (22782) Revision of: IS 13207:1991	AUTOMOTIVE VEHICLES - HYDRAULIC BRAKING SYSTEMS - WHEEL CYLINDER PERFORMANCE REQUIREMENTS
54	TED 4 (22783) Revision of: IS 12851:1989	AUTOMOTIVE VEHICLES - HYDRAULIC BRAKE SYSTEMS TUBINGS - PERFORMANCE REQUIREMENTS
55	TED 4 (22789) Revision of: IS 14283:1995	AUTOMOTIVE VEHICLES - ACCELERATOR CONTROL SYSTEMS - SAFETY REQUIREMENTS
56	TED 4 (22790) Revision of: IS 14557:1998	AUTOMOTIVE VEHICLES - COOLING PERFORMANCE -METHOD OF MEASUREMENT FIRST REVISION
57	TED 4 (22791) Revision of: IS 12831:1989	Automotive Vehicles Braking Systems Banjo Bolt Connections Dimensions First Revision
58	TED 4 (22883)	Automotive vehicles - Noise emitted by moving vehicles - Specification and method of measurement Part 3 L 5 category Amendment - 1
59	TED 4 (24250)	Automotive vehicles - Braking systems - Method of test on brake dynamometer for two and three wheelers First Revision Amendment - 2
60	TED 4 (24252)	Automotive vehicles - Brake linings Non - Rubberized Part 1 specification Amendment - 1
61	TED 4 (24253)	Automotive vehicles - Brake linings - Rubberised Part 2 specification Amendment - 1

62	TED 4 (24254)	Automotive vehicles - brake linings Part 3 methods of test Amendment - 2
63	TED 4 (24255)	Automotive vehicles - Brake linings Part 4 coefficient of friction - Method of test Amendment - 1
64	TED 4 (24256)	Automotive vehicles - - Brake linings Part 5 internal shear strength - Method of test Amendment - 1
65	TED 4 (24257)	Automotive vehicles - Brake linings Part 7 shear test procedure for disc brake pad and drum brake shoe assemblies Amendment - 1
66	TED 4 (25616) Revision of: IS 17132:2019	Replacement Brake Lining Assemblies and Drum Brake Linings for Power-Driven Vehicles and Their Trailers Specification
67	TED 4 (25687) Revision of: IS 16137:2014	Automotive Vehicles Methods of Measurement of Braking Coefficient of Road Surfaces Part 1 SRTT Method First Revision
68	TED 4 (25689) Revision of: IS 16137:2014	Automotive Vehicles Methods of Measurement of Braking Coefficient of Road Surfaces Part 2 Pendulum Method First Revision
69	TED 4 (25693) Revision of: IS 2742:2018	Automotive Vehicles Brake Linings Part 7 Shear Test Procedure for disc Brake Pad and Drum Brakeshoe Assemblies First Revision
70	TED 4 (25916)	Automotive Vehicles Vehicle Dynamics Test Methods Part 4 Ride Comfort Measurements
71	TED 4 (25917)	Automotive Vehicles Vehicle Dynamics Test Methods Part 5 Subjective Evaluation Vehicle Ride Handling Steering
72	TED 4 (26251)	Automotive Vehicles Uniform Provisions Concerning the Approval of Vehicles of Categories M1 and N1 with Regard to Braking Amendment 3
73	TED 4 (26911)	Automotive vehicles - Performance requirements and testing procedure for braking system of two and three wheeled motor vehicles First Revision Amendment - 6
74	TED 4 (27000)	Automotive Vehicles - Maximum Speed of Automotive Vehicles - Method of Evaluation First Revision Amendment - 1
75	TED 4 (27001) Revision of: IS 2742:2018	Automotive Vehicles Brake Linings Part 6 Compressive Strain Test Methods First Revision
76	TED 4 (27191)	Automotive vehicles - Air brake systems - Performance requirements for drain valves First Revision Amendment - 1
77	TED 4 (27192)	Automotive vehicles - Air brake systems - Performance requirements for dual brake valve First Revision Amendment - 1
78	TED 4 (27218)	Automotive Vehicles - Valves of Automotive Air Brake Systems - Method of Test Amendment-1
79	TED 4 (27219)	Automotive vehicles - Air brake systems - Performance requirements for brake chamber First Revision Amendment - 1

Total Published Standards:73 Total Standards Under development:82

Aspect Wise Report

Product : 17
Code of Practices : 1
Methods of Test : 44
Terminology : 4
Dimensions : 2
System Standard : 0
Safety Standard : 1
Others : 2
Service Specification : 0
Process Specification : 0
Unclassified : 2

Annexure-I :List of Indian Standards Withdrawn/Superseded

SI. No.	IS No. & Year	Title
1	IS 10043:1994	Automotive Vehicles - Symbols For Controls Indicators And Telltales For Scooters And Motorcycles
2	IS 10289:1982	Brake Control Levers for Mopeds
3	IS 10376:1982	Performance requirements of braking systems for mopeds

4	IS 10413:1983	Method Of Measurement Of Maximum Speed Of Scooters And Motorcycles
5	IS 10479:1993	Code of practice for field control of moisture and compaction of soils for embankment and subgrade
6	IS 10841:1984	Front brake control lever for scooters and motorcycles
7	IS 10944:1983	Method of measurement of fuel consumption of mopeds
8	IS 11571:1986	Terms and definitions of dimensions of scooters
9	IS 11716:1986	Performance Evaluation Of Braking System Of Scooters And Motorcycles
10	IS 11852:2013 IEC 60645-6:2022	Automotive Vehicles - Uniform Provisions Concerning the Approval of Vehicles of Categories M N and T with Regard to Braking
11	IS 11852 (Part 1):2001	Automotive Vehicles - Brakes And Braking Systems Part 1 Terminology
12	IS 11852 (Part 2):2001	Automotive Vehicles - Brakes and Braking Systems - Part 2 General Functions and Features
13	IS 11852 (Part 3):2001	Automotive vehicles - brakes and braking systems Part 3 Performance requirements and evaluation
14	IS 11852 (Part 4):2001	Automotive Vehicles - Brakes and Braking Systems - Part 4 Compressed Air and Air Assisted Brakes - Special Requirements
15	IS 11852 (Part 5):2001 ISO 3853	Automotive Vehicles - Brakes And Braking Systems Part 5 Compressed Air And Air Assisted Brakes - Pressure Test Connections
16	IS 11852 (Part 6):2001	Automotive Vehicles - Brakes And Braking Systems Part 6 Vacuum Braking System - Special Requirements
17	IS 11852 (Part 7):2001	Automotive Vehicles - Brakes and Braking Systems - Part 7 Inertia Dynamometer Test Method for Brake Lining
18	IS 11852 (Part 8):2001	Automotive Vehicles - Brakes and Braking Systems - Part 8 Test Procedures
19	IS 11852 (Part 9):2003	Automotive Vehicles - Brakes and Braking Systems - Part 9 Requirements for Vehicles Equipped with Anti-Lock Braking Systems
20	IS 12055:1987	Method of Measurement of Acceleration of Mopeds
21	IS 13493:1992	Automotive vehicles - Two wheelers - Method of evaluation of brake lever strength requirements
22	IS 13494:1992	Automotive Vehicles - Air Brake Systems - Performance Requirements for Unloader Valves
23	IS 13507:1992	Automotive Vehicles - Self Centering - Method of Test
24	IS 13670:1992	Automotive vehicles - three wheelers - brake performance requirements
25	IS 14121:1995	Automotive vehicles - braking systems - test procedure for two and three wheelers
26	IS 14785:2000	Automotive vehicles - - Determination of road - Load constants by coast down test method
27	IS 3028 (Part 3):2018	Automotive vehicles - Noise emitted by moving vehicles - Specification and method of measurement Part 3 L 5 category
28	IS 7065:1973	Specification for steering wheels
29	IS 9212:1979	Recommendations for Pressures in Brakes Lines of Road Vehicles and Braking efficiency
30	IS 9268:1979	Braking terminology for road vehicles
31	IS 9655:1994	Automotive vehicles - Type location and functions of controls - Mopeds
32	IS 9714:1993	Automotive vehicles - symbols for controls indicators and telltales for mopeds

33	IS 9726:1984	Terms and definitions of weights of mopeds
34	IS 9727:1981	Terms and definitions of dimensions for mopeds

Annexure-II :List of Indian Product Standards

SI. No.	IS No. & Year	Title
1	IS 11029:1984 Decision taken to Reaffirm and Archive	Specification for steering ball races for mopeds
2	IS 12222:2011	Automotive vehicles - Turning circle and maneuverability requirements First Revision
3	IS 12851:2023	AUTOMOTIVE VEHICLES - HYDRAULIC BRAKE SYSTEMS TUBINGS - PERFORMANCE REQUIREMENTS
4	IS 12884:2015	Automotive vehicles - Braking systems rubber boots for brake wheel cylinders - Performance requirements First Revision
5	IS 13224:1991 Decision taken to Reaffirm and Archive	Automotive vehicles - Hydraulic braking systems - Master cylinder performance requirements
6	IS 13225:2024	Automotive Vehicles Hydraulic Braking Systems Rubber Cups Specification First Revision
7	IS 13249:2014	Automotive vehicles - Braking systems - Rubber seal for disc brake cylinder - Performance requirements First Revision
8	IS 13363:2017	Automotive vehicles - Air brake systems - Performance requirements for drain valves First Revision Amendment - 1
9	IS 13603:2014	Automotive vehicles - Air brake systems - Performance requirements for brake chamber First Revision Amendment - 1
10	IS 13604:2014	Automotive vehicles - Air brake systems - Performance requirements for dual brake valve First Revision Amendment - 1
11	IS 14382:2014	Automotive vehicles - Speed limitation devices - Specification First Revision
12	IS 15702:2006	Automotive vehicles - Air brake hose - Specification
13	IS 15783:2008	Road vehicles - Brake control levers for two and three wheeled motor vehicles - Specification
14	IS 17132:2025	Replacement Brake Lining Assemblies and Drum Brake Linings for Power-Driven Vehicles and Their Trailers - Specification first revision
15	IS 2742 (Part 1):1994	Automotive vehicles - Brake linings Non - Rubberized Part 1 specification First Revision
16	IS 2742 (Part 2):1999	Automotive vehicles - Brake linings - Rubberised Part 2 specification
17	IS 7079:2008	Automotive vehicles - Brake hose assemblies forhydraulicbraking systems used with non - Petroleum base brake fluid specification Third Revision