

BUREAU OF INDIAN STANDARDS

Program of Work

TED 11 : Automotive Electrical Equipment and Instruments

Scope: a) Standardization relating to electrical and optical equipment, instruments and their related components including electronics for automotive vehicles. b) Co-ordination of work with ISO/TC 22 and its Sub-committees ISO/ TC 22/ SC 31, ISO/ TC 22/ SC 32 and ISO/ TC 22/ SC 35.

Liaison: **ISO TC-22 (P):** *Road vehicles* **ISO TC-22 SC-32 (P):** *Electrical and electronic components and general system aspects* **ISO TC-22 SC-35 (P):** *Lighting and visibility* **ISO TC-22 SC-41 (P):** *Specific aspects for gaseous fuels*

Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 10250:1982 <i>Reviewed In : 2021</i>	Specification for severities for environmental tests for automotive electrical equipment	January, 2021	2	Indigenous
2	IS 1062:2014 ISO 11565 : 2006 <i>Reviewed In : 2025</i> <i>ISO 11565:2006</i>	Road vehicles - Spark - Plugs - Test methods and requirements (Third Revision)	March, 2025	-	Identical under dual numbering
3	IS 1063:1997 <i>Reviewed In : 2022</i>	Automotive vehicles - M14 x 1.25 spark plugs with flat seating and their cylinder head housing - Specification (Second Revision)	March, 2022	1	Indigenous
4	IS 11086:2013 <i>Reviewed In : 2024</i>	Speedometer/odometer systems for automotive application - Specification (First Revision)	September, 2024	-	Indigenous
5	IS 11098:1992 <i>Reviewed In : 2022</i>	Automotive vehicles - Steering column mounted combination switches - Specification (First Revision)	December, 2022	1	Indigenous
6	IS 12508:2013 <i>Reviewed In : 2024</i>	Electric Tachometer for Automotive Vehicles — Specification	September, 2024	-	Indigenous
7	IS 12588:2014 <i>Reviewed In : 2024</i>	Automotive vehicles - Oil and air assisted pressure gauges - Specification (First Revision)	September, 2024	-	Indigenous
8	IS 13135:2016 ISO 4082 :1981 <i>Reviewed In : 2021</i> <i>ISO 4082:1981</i>	Road vehicles - Motor vehicles - Flasher units (First Revision)	November, 2021	-	Identical under dual numbering
9	IS 13226:1991 <i>Reviewed In : 2021</i>	Automotive vehicles - Resistances in starter motorcircuits - Methods of measurement	July, 2021	-	Indigenous
10	IS 13313:1991 <i>Reviewed In : 2022</i>	Automotive vehicles - Electrical wiring - Colour coding	December, 2022	-	Indigenous

11	IS 13460:2005 ISO 3732 Reviewed In : 2021 ISO 3732:2003	Road vehicles - Connectors for the electrical connection of towing and towed vehicles - 7 - Pole connector type 12 s (Supplementary) for vehicles with 12 V nominal supply voltage (First Revision)	January, 2021	-	Modified/Technically Equivalent
12	IS 13461:2005 ISO 1724 Reviewed In : 2021 ISO 1724:2003	Road vehicles - Connectors for the electrical connection of towing and towed vehicles - 7 - Pole connector type 12 N (Normal) for vehicles with 12 V nominal supply voltage (First Revision)	January, 2021	-	Modified/Technically Equivalent
13	IS 13491:2005 ISO 1185 Reviewed In : 2021 ISO 1185:2003	Road vehicles - Connectors for the electrical connection of towing and towed vehicles - 7 - Pole connector type 24 N (Normal) for vehicles with 24 V nominal supply voltage (First Revision)	January, 2021	-	Modified/Technically Equivalent
14	IS 13499:2005 ISO 3731 Reviewed In : 2021 ISO 3731:2003	Road vehicles - Connectors for the electrical connection of towing and towed vehicles - 7 - Pole connector type 24 S (Supplementary) for vehicles with 24 V nominal supply voltage (First Revision)	January, 2021	-	Identical under dual numbering
15	IS 13509:1992 Reviewed In : 2022	Automotive vehicles - Towing vehicles - Mounting of electrical connections on rear cross members	December, 2022	-	Indigenous
16	IS 13599:2014 Reviewed In : 2024	Automotive vehicles - Instrument systems - Temperature gauges - Electrical and Electronic type - Specification (First Revision)	September, 2024	-	Indigenous
17	IS 13602:2013 Reviewed In : 2024	Automotive vehicles - Instrument systems - Temperature gauges mechanical types - Specification (First Revision)	September, 2024	-	Indigenous
18	IS 13646:2018 Reviewed In : 2024	Automotive vehicles ? Instrument systems - Pressure gauges electrical / electronic type ? specification (First Revision)	September, 2024	-	Indigenous
19	IS 13654:1993 Reviewed In : 2024	Automotive vehicles - Instrument systems - Electrical speedometer performance requirements	September, 2024	1	Indigenous
20	IS 13931 (Part 1):1993 Reviewed In : 2024	Automotive vehicles - Stoplight switches: Part 1 specification	September, 2024	-	Indigenous
21	IS 13931 (Part 2):1993 Reviewed In : 2024	Automotive vehicles - stoplight switches: Part 2 methods of test	September, 2024	1	Indigenous
22	IS 14141:1994 Reviewed In : 2024	Automotive vehicles - Electrical windshield washing systems - Performance requirements	September, 2024	-	Indigenous
23	IS 14221:1995 Reviewed In : 2021	Automotive vehicles retro - Reflective sheets and tapes - Specification	January, 2021	-	Indigenous
24	IS 14380:1996 Reviewed In : 2021	Automotive vehicles - Ignition coils for magneto ignition systems - Specification	July, 2021	1	Indigenous
25	IS 14381:1996 Reviewed In : 2021	Automotive vehicles - Electrical circuits - Recommended graphical	July, 2021	-	Indigenous

		symbols			
26	IS 14813:2000 Reviewed In : 2021	Automotive vehicles - Air horns - Specification	January, 2021	1	Indigenous
27	IS 15350:2017 Reviewed In : 2022	Automotive vehicles - Ignition systems - Methods of test	May, 2022	-	Indigenous
28	IS 15364:2003 Reviewed In : 2025	Automotive vehicles - Spark - Plugs M10 x 1 with flat seating	March, 2025	-	Indigenous
29	IS 15730:2006 Reviewed In : 2021	AC flashers for 2 and 3 wheelers	July, 2021	-	Indigenous
30	IS 15796:2008 Reviewed In : 2025	Automotive vehicles - Horn installation requirements	July, 2025	3	Indigenous
31	IS 15802:2008 Reviewed In : 2024	Automotive vehicles - Windscreen wiping system for 4 wheelers other than ml category of vehicles - Requirements	September, 2024	1	Indigenous
32	IS 15804:2008 Reviewed In : 2024	Automotive vehicles - Windscreen wiping and washing system for ml category of vehicles - Requirements	September, 2024	2	Indigenous
33	IS 1606:1979 Reviewed In : 2025	Specification for automobile lamps (Second Revision)	June, 2025	3	Indigenous
34	IS 16211:2015 Reviewed In : 2020	Electromagnetic Radiation From Automotive Vehicle - Permissible Levels and Methods of Tests	December, 2020	-	Indigenous
35	IS 16325:2019	Automotive vehicles ? windscreen wiping system for 3 wheeler vehicles ? specification		-	Indigenous
36	IS 17436:2020 Reviewed In : 2024	Automotive Vehicles - Advance-Warning Triangle - Specification	September, 2024	-	Indigenous
37	IS 1884:1993 Reviewed In : 2025	Automotive vehicles - Electric horns - Specification (Third Revision)	March, 2025	3	Indigenous
38	IS 2077:2014 Reviewed In : 2024	Automotive vehicles - Electric relays - Specification (Third Revision)	September, 2024	-	Indigenous
39	IS 2081:1998 Reviewed In : 2024	Automotive vehicles - Taper terminal cable connectors for batteries - Specification (Second Revision)	September, 2024	-	Indigenous
40	IS 2325:1981 Reviewed In : 2021	Specification for ignition coils for battery - Coil ignition systems for automobiles (First Revision)	January, 2021	3	Indigenous
41	IS 2577 (Part 1):2018 ISO 8820-1 : 2014 Reviewed In : 2023 ISO 8820-1:2014	Road Vehicles - Fuse-Links Part 1 Definitions and General Test Requirements (Third Revision)	November, 2023	-	Identical under dual numbering
42	IS 2577 (Part 2):2018 ISO 8820-2 : 2014 Reviewed In : 2023 ISO 8820-2:2014	Road Vehicles – Fuse-Links Part 2 User’s Guide (Third Revision)	November, 2023	-	Identical under dual numbering
43	IS 2577 (Part 4):2018 ISO 8820-4 :2016 Reviewed In : 2023 ISO 8820-4:2016	Road Vehicles - Fuse Links Part 4 Fuse-links with Female Contacts (Type A) and Bolt-In Contacts (Type B) and their Test Fixtures (Third Revision)	November, 2023	-	Identical under dual numbering

44	IS 2577 (Part 5):2018 ISO 8820-5 : 2015 Reviewed In : 2023 ISO 8820-5:2015	Road Vehicles - Fuse Links Part 5 Links with Axial Terminals (Strip Fuse-links) Types SF30 and SF51 and Test Fixtures (Third Revision)	November, 2023	-	Identical under dual numbering
45	IS 2577 (Part 6):2022 ISO 8820-6:2019 ISO 8820-6:2019	Road Vehicles - Fuse-links - Part 6: Single-bolt fuse-links		-	Identical under dual numbering
46	IS/ISO 26262-1:2018 ISO 26262-1:2018 ISO 26262-1:2018	ISO 26262-1 Road vehicles Functional safety Part 1: Vocabulary		-	Identical under single numbering
47	IS/ISO 26262-2:2018 ISO 26262-2:2018 ISO 26262-2:2018	Road vehicles Functional safety Part 2: Management of functional safety		-	Identical under single numbering
48	IS/ISO 26262-3:2018 ISO 26262-3:2018 ISO 26262-3:2018	Road vehicles Functional safety Part 3: Concept phase		-	Identical under single numbering
49	IS/ISO 26262-4:2018 iso 26262-4:2018 iso 26262-4:2018	Road vehicles Functional safety Part 4: Product development at the system level		-	Identical under single numbering
50	IS/ISO 26262-5:2018 ISO 26262-5:2018 ISO 26262-5:2018	Road vehicles Functional safety Part 5: Product development at the hardware level		-	Identical under single numbering
51	IS/ISO 26262-6:2018 ISO 26262-6:2018 ISO 26262-6:2018	Road vehicles Functional safety Part 6: Product development at the software level		-	Identical under single numbering
52	IS/ISO 26262-7:2018 ISO 26262-7:2018 ISO 26262-7:2018	Road vehicles Functional safety Part 7: Production, operation, service and decommissioning		-	Identical under single numbering
53	IS/ISO 26262-8:2018 ISO 26262-8:2018 ISO 26262-8:2018	Road vehicles Functional safety Part 8: Supporting processes		-	Identical under single numbering
54	IS/ISO 26262-9:2018 ISO 26262-9:2018 ISO 26262-9:2018	Road vehicles Functional safety Part 9: Automotive safety integrity level (ASIL)-oriented and safety- oriented analyses		-	Identical under single numbering
55	IS/ISO 26262-10:2018 ISO 26262-10:2018 ISO 26262-10:2018	Road vehicles Functional safety Part 10: Guidelines on ISO 26262		-	Identical under single numbering
56	IS/ISO 26262-11:2018 ISO 26262-11:2018 ISO 26262-11:2018	Road vehicles Functional safety Part 11: Guidelines on application of ISO 26262 to semiconductors		-	Identical under single numbering
57	IS/ISO 26262-12:2018 ISO 26262-12:2018 ISO 26262-12:2018	Road vehicles Functional safety Part 12: Adaptation of ISO 26262 for motorcycles		-	Identical under single numbering
58	IS 3141:2007 Reviewed In : 2022	Starter motors for internal combustion engines used for	December, 2022	-	Indigenous

		automotive and other applications - Specification (Second Revision)			
59	IS 4050:1976 Reviewed In : 2021	Methods of tests for horn switches for automobiles (First Revision)	January, 2021	2	Indigenous
60	IS 4060:1994 Reviewed In : 2024	Automotive vehicles - Flashers for direction indicators - Specification (Second Revision)	September, 2024	1	Indigenous
61	IS 4061:2024	Headlight Switch for Automobiles â€” Specification (First Revision)		-	Indigenous
62	IS 4063:1982 Reviewed In : 2024	Specification for fuse box for automobiles (First Revision)	September, 2024	-	Indigenous
63	IS 4086:1983 Reviewed In : 2021	Specification for distributors for spark ignition engines (First Revision)	January, 2021	-	Indigenous
64	IS 4362:1979	Specification for number plate lighting devices for automobiles (First Revision)	January, 2021	2	Indigenous
65	IS 4373:1967 Reviewed In : 2021	Specification for hydraulically operated stop light switches for automobiles	January, 2021	2	Indigenous
66	IS 4815:1982	Specification for self - Cancelling direction indicator switches for automobiles (First Revision)	January, 2021	-	Indigenous
67	IS 5439:2017 Reviewed In : 2022	Oil pressure switches for automobiles - Specification (Second Revision)	May, 2022	-	Indigenous
68	IS 5545:1977 Reviewed In : 2021	Specification for fog lights for automobiles (First Revision)	January, 2021	-	Indigenous
69	IS 5546:1981 Reviewed In : 2021	Specification for distribution caps and rotor arms for automobiles (First Revision)	January, 2021	-	Indigenous
70	IS 5562:2000 Reviewed In : 2021	Automotive vehicles - Fuel gauges - Cross coil movement type - Specification (Second Revision)	January, 2021	-	Indigenous
71	IS 5577:2015 Reviewed In : 2024	Automotive vehicles - Ammeters - Specification (Third Revision)	September, 2024	-	Indigenous
72	IS/ISO 6722-1:2011 ISO 6722-1:2011	Road vehicles -- 60 V and 600 V single-core cables -- Part 1: Dimensions test methods and requirements for copper conductor cables		-	Identical under single numbering
73	IS/ISO 6722-2:2013 ISO 6722-2 : 2013 ISO 6722-2:2013	Road vehicles - 60 V and 600 V single - Core cables: Part 2 dimensions, test methods and requirements for aluminium conductor cables (First Revision)		-	Identical under single numbering
74	IS 7471:2025	Recommendation for Polarity of Earth Connections and Marking of Electrical Equipment for Automobiles (First Revision)		-	Indigenous
75	IS 7827 (Part 1):1975	Specification for electrical wind screen wipers: Part 1 wiper system	January, 2021	1	Indigenous
76	IS 7827 (Part 2):1975	Specification for electrical wind screin wipers: Part 2 wiper motors	January, 2021	1	Indigenous
77	IS 7827 (Part 3/Sec 1):1993 Reviewed In : 2024	Automotive vehicles electrical wiNd screEn wipers: Part 3 wiper arms and blades section 1 wiper	September, 2024	-	Indigenous

		arms - Specification			
78	IS 7827 (Part 3/Sec 2):1985 Reviewed In : 2024	Specification for electrical wind screen wiper: Part 3 wiper arms and blades section 2 wiper blades	September, 2024	-	Indigenous
79	IS 7953:1976 Reviewed In : 2021	Specification for horn rings for automobiles	January, 2021	1	Indigenous
80	IS 7998:1986 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Specification for contact breakers for two wheelers, three wheelers and stationary spark ignition engines (First Revision)	September, 2024	2	Indigenous
81	IS 8339:1993 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Automotive vehicles - Reflex reflectors - Specification (First Revision)	September, 2024	-	Indigenous
82	IS 8395 (Part 1):1977 Reviewed In : 2021	Specification for cable terminations for automobile wiring: Part 1 blade type connectors (Male And Female)	January, 2021	1	Indigenous
83	IS 8395 (Part 2):1977 Reviewed In : 2021	Specification for cable terminations for automobile wiring: Part 2 bullet and tube connectors	January, 2021	1	Indigenous
84	IS 8925:2015 ISO 8854 : 2012 Reviewed In : 2021 ISO 8854:2012	Road vehicles - Alternators with regulators - Test methods and general requirements (First Revision)	March, 2021	-	Identical under dual numbering
85	IS 9264 (Part 1):1979 Reviewed In : 2021	Specification for interior lighting of motor vehicle: Part 1 general requirements and recommendations	January, 2021	-	Indigenous
86	IS 9432:1980 Reviewed In : 2021	Specification for ignition switches for automobiles	January, 2021	2	Indigenous
87	IS 9433:1980	Specification for piano key type switches for use in automobiles	January, 2021	1	Indigenous
88	IS 9500:2017 Reviewed In : 2022	360 degree rotary emergency warning lights/special warning lamps - Specification (First Revision)	August, 2022	-	Indigenous
89	IS 9521:1980	Specification for push - Button type switches for automotive vehicles	January, 2021	-	Indigenous

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
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No Records Found

Draft Standards Completed WC Stage

Sl. No.

Doc No.

Title

No Records Found

Finalized Draft Indian Standard

Sl. No.

Doc No.

Title

No Records Found

Finalized Draft Indian Standards under Print

Sl. No.

Doc No.

Title

1

TED 11
(22534) Amendment of: IS
7471:1974

Recommendation for Polarity of Earth Connections and Marking of Electrical Equipment for Automobiles First Revision

2

TED 11 (26207)

ROAD VEHICLES CYBER SECURITY ENGINEERING

3

TED 11 (27860)

Automotive vehicles - Electric horns - Specification Amendment - 4

4

TED 11 (28190)

Automotive Vehicles Windscreen Wiping System for 3-Wheeler Vehicles Specification- Amendment no 1

5

TED 11 (28288)

360 degree rotary emergency warning lights special warning lamps - Specification First Revision Amendment - 1

6

TED 11 (28291)

AUTOMOTIVE VEHICLES WINDSCREEN WIPING AND WASHING SYSTEM FOR M1 CATEGORY OF VEHICLES REQUIREMENTS Amendment - 3

7

TED 11 (28672)

Automotive Vehicles and Agricultural Tractors Horn Installation Requirements - Amendment no 4

8

TED 11 (33208)

Automotive Vehicles- Retro-reflective Marking Materials -Specific Requirements

9

TED 11 (33220)

Road vehicles - Spark-Plugs And Their Cylinder Head Housings - Basic Characteristics And Dimensions

10

TED 11 (33221)

Road vehicles - Spark - Plugs - Test methods and requirements

Total Published Standards:89 Total Standards Under development:10

Aspect Wise Report

Product : 66

Code of Practices : 3

Methods of Test : 7

Terminology : 1

Dimensions : 0

System Standard : 0

Safety Standard : 12

Others : 0

Service Specification : 0

Process Specification : 0

Unclassified : 0

Annexure-I :List of Indian Standards Withdrawn/Superseded

Sl. No.

IS No. & Year

Title

1

IS 10256:1982

Code of practice for installation of stop tail and turn signal lights for automobiles

2

IS 13437:2012
SO 3559 : 1976
Reviewed In : 2017

Road vehicles - Working voltages for lights fitted to motor vehicles and to their trailers First Revision

3

IS 2577:1974
Reviewed In : 2011

Cartridge Fuse-links for Automobiles

4	IS 2577 (Part 7):2012 ISO 8820-7 : 2007 Reviewed In : 2017	Road vehicles - Fuse - Links Part 7 fuse - Links with tabs Type G with rated voltage of 450 V Second Revision
5	IS 2646:1986	Generator Dynamos for Automobiles
6	IS 3105:1980	General requirements for automobile lighting and signalling devices
7	IS 3563:1993	Automotive vehicles - Headlights replaceable lamp type
8	IS 3628:1966	Sidelights tail-lights parking lights stop lights and direction indicators for automobile use
9	IS 4062:1986 Reviewed In : 2021	Specification for foot - Operated head - Light dip switches for automobiles First Revision
10	IS 4370:1967	Code of practice for the use of lighting and signalling devices on cars and commercial vehicles
11	IS 5977:1981	Regulators for Automobile dc Generators Dynamos
12	IS 7528:1974	Porcelain Moulded Fuse-Links for Automobiles
13	IS 8415:1977	Mounting dimensions of head lights for automobiles
14	IS 8416:1977	Mounting Dimensions of Fog Lights for Automobiles
15	IS 9961:1981	Reversing Lights for Automobiles

Annexure-II :List of Indian Product Standards

Sl. No.	IS No. & Year	Title
1	IS 1063:1997 Reviewed In : 2022	Automotive vehicles - M14 x 1 25 spark plugs with flat seating and their cylinder head housing - Specification Second Revision
2	IS 11086:2013 Reviewed In : 2024	Speedometer odometer systems for automotive application - Specification First Revision
3	IS 11098:1992 Reviewed In : 2022	Automotive vehicles - Steering column mounted combination switches - Specification First Revision
4	IS 12508:2013 Reviewed In : 2024	Electric Tachometer for Automotive Vehicles Specification
5	IS 12588:2014 Reviewed In : 2024	Automotive vehicles - Oil and air assisted pressure gauges - Specification First Revision
6	IS 13135:2016 ISO 4082 :1981 Reviewed In : 2021 ISO 4082:1981	Road vehicles - Motor vehicles - Flasher units First Revision
7	IS 13460:2005 ISO 3732 Reviewed In : 2021 ISO 3732:2003	Road vehicles - Connectors for the electrical connection of towing and towed vehicles - 7 - Pole connector type 12 s Supplementary for vehicles with 12 V nominal supply voltage First Revision
8	IS 13461:2005 ISO 1724 Reviewed In : 2021 ISO 1724:2003	Road vehicles - Connectors for the electrical connection of towing and towed vehicles - 7 - Pole connector type 12 N Normal for vehicles with 12 V nominal supply voltage First Revision
9	IS 13491:2005 ISO 1185 Reviewed In : 2021 ISO 1185:2003	Road vehicles - Connectors for the electrical connection of towing and towed vehicles - 7 - Pole connector type 24 N Normal for vehicles with 24 V nominal supply voltage First Revision
10	IS 13499:2005 ISO 3731 Reviewed In : 2021 ISO	Road vehicles - Connectors for the electrical connection of towing and towed vehicles - 7 - Pole connector type 24 S Supplementary for vehicles with 24 V nominal supply voltage First Revision

	3731:2003	
11	IS 13509:1992 Reviewed In : 2022	Automotive vehicles - Towing vehicles - Mounting of electrical connections on rear cross members
12	IS 13599:2014 Reviewed In : 2024	Automotive vehicles - Instrument systems - Temperature gauges - Electrical and Electronic type - Specification First Revision
13	IS 13602:2013 Reviewed In : 2024	Automotive vehicles - Instrument systems - Temperature gauges mechanical types - Specification First Revision
14	IS 13646:2018 Reviewed In : 2024	Automotive vehicles Instrument systems - Pressure gauges electrical electronic type specification First Revision
15	IS 13654:1993 Reviewed In : 2024	Automotive vehicles - Instrument systems - Electrical speedometer performance requirements
16	IS 13931 (Part 1):1993 Reviewed In : 2024	Automotive vehicles - Stoplight switches Part 1 specification
17	IS 13931 (Part 2):1993 Reviewed In : 2024	Automotive vehicles - stoplight switches Part 2 methods of test
18	IS 14221:1995 Reviewed In : 2021	Automotive vehicles retro - Reflective sheets and tapes - Specification
19	IS 14380:1996 Reviewed In : 2021	Automotive vehicles - Ignition coils for magneto ignition systems - Specification
20	IS 14813:2000 Reviewed In : 2021	Automotive vehicles - Air horns - Specification
21	IS 15364:2003 Reviewed In : 2025	Automotive vehicles - Spark - Plugs M10 x 1 with flat seating
22	IS 15730:2006 Reviewed In : 2021	AC flashers for 2 and 3 wheelers
23	IS 15796:2008 Reviewed In : 2025	Automotive vehicles - Horn installation requirements
24	IS 15802:2008 Reviewed In : 2024	Automotive vehicles - Windscreen wiping system for 4 wheelers other than ml category of vehicles - Requirements
25	IS 15804:2008 Reviewed In : 2024	Automotive vehicles - Windscreen wiping and washing system for ml category of vehicles - Requirements
26	IS 1606:1979 Reviewed In : 2025	Specification for automobile lamps Second Revision
27	IS 16325:2019	Automotive vehicles windscreen wiping system for 3 wheeler vehicles specification
28	IS 17436:2020 Reviewed In : 2024	Automotive Vehicles - Advance-Warning Triangle - Specification
29	IS 1884:1993 Reviewed In : 2025	Automotive vehicles - Electric horns - Specification Third Revision
30	IS 2077:2014 Reviewed In : 2024	Automotive vehicles - Electric relays - Specification Third Revision
31	IS 2081:1998 Reviewed In : 2024	Automotive vehicles - Taper terminal cable connectors for batteries - Specification Second Revision
32	IS 2325:1981 Reviewed In : 2021	Specification for ignition coils for battery - Coil ignition systems for automobiles First Revision
33	IS 2577 (Part 4):2018 ISO 8820-4 :2016 Reviewed In : 2023 ISO 8820-4:2016	Road Vehicles - Fuse Links Part 4 Fuse-links with Female Contacts Type A and Bolt-In Contacts Type B and their Test Fixtures Third Revision
34	IS 2577 (Part 5):2018 ISO 8820-5 : 2015 Reviewed In : 2023 ISO 8820-5:2015	Road Vehicles - Fuse Links Part 5 Links with Axial Terminals Strip Fuse-links Types SF30 and SF51 and Test Fixtures Third Revision
35	IS 2577 (Part 6):2022 ISO 8820-6:2019 ISO 24263 : 2020	Road Vehicles - Fuse-links - Part 6 Single-bolt fuse-links

36	IS 3141:2007 Reviewed In : 2022	Starter motors for internal combustion engines used for automotive and other applications - Specification Second Revision
37	IS 4060:1994 Reviewed In : 2024	Automotive vehicles - Flashers for direction indicators - Specification Second Revision
38	IS 4061:2024	Headlight Switch for Automobiles Specification First Revision
39	IS 4063:1982 Reviewed In : 2024	Specification for fuse box for automobiles First Revision
40	IS 4086:1983 Reviewed In : 2021	Specification for distributors for spark ignition engines First Revision
41	IS 4362:1979	Specification for number plate lighting devices for automobiles First Revision
42	IS 4373:1967 Reviewed In : 2021	Specification for hydraulically operated stop light switches for automobiles
43	IS 4815:1982	Specification for self - Cancelling direction indicator switches for automobiles First Revision
44	IS 5439:2017 Reviewed In : 2022	Oil pressure switches for automobiles - Specification Second Revision
45	IS 5545:1977 Reviewed In : 2021	Specification for fog lights for automobiles First Revision
46	IS 5546:1981 Reviewed In : 2021	Specification for distribution caps and rotor arms for automobiles First Revision
47	IS 5562:2000 Reviewed In : 2021	Automotive vehicles - Fuel gauges - Cross coil movement type - Specification Second Revision
48	IS 5577:2015 Reviewed In : 2024	Automotive vehicles - Ammeters - Specification Third Revision
49	IS/ISO 6722-1:2011 ISO 17664:2017	Road vehicles -- 60 V and 600 V single-core cables -- Part 1 Dimensions test methods and requirements for copper conductor cables
50	IS/ISO 6722-2:2013 ISO 6722-2 : 2013 ISO 6722-2:2013	Road vehicles - 60 V and 600 V single - Core cables Part 2 dimensions test methods and requirements for aluminium conductor cables First Revision
51	IS 7471:2025	Recommendation for Polarity of Earth Connections and Marking of Electrical Equipment for Automobiles First Revision
52	IS 7827 (Part 1):1975	Specification for electrical wind screen wipers Part 1 wiper system
53	IS 7827 (Part 2):1975	Specification for electrical wind screin wipers Part 2 wiper motors
54	IS 7827 (Part 3/Sec 1):1993 Reviewed In : 2024	Automotive vehicles electrical wiNd screEn wipers Part 3 wiper arms and blades section 1 wiper arms - Specification
55	IS 7827 (Part 3/Sec 2):1985 Reviewed In : 2024	Specification for electrical wind screen wiper Part 3 wiper arms and blades section 2 wiper blades
56	IS 7953:1976 Reviewed In : 2021	Specification for horn rings for automobiles
57	IS 7998:1986 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Specification for contact breakers for two wheelers three wheelers and stationary spark ignition engines First Revision
58	IS 8339:1993 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Automotive vehicles - Reflex reflectors - Specification First Revision
59	IS 8395 (Part 1):1977 Reviewed In : 2021	Specification for cable terminations for automobile wiring Part 1 blade type connectors Male And Female
60	IS 8395 (Part 2):1977 Reviewed In : 2021	Specification for cable terminations for automobile wiring Part 2 bullet and tube connectors
61	IS 8925:2015 ISO 8854 : 2012 Reviewed In : 2021 ISO	Road vehicles - Alternators with regulators - Test methods and general requirements First Revision

	8854:2012	
62	IS 9264 (Part 1):1979 Reviewed In : 2021	Specification for interior lighting of motor vehicle Part 1 general requirements and recommendations
63	IS 9432:1980 Reviewed In : 2021	Specification for ignition switches for automobiles
64	IS 9433:1980	Specification for piano key type switches for use in automobiles
65	IS 9500:2017 Reviewed In : 2022	360 degree rotary emergency warning lights special warning lamps - Specification First Revision
66	IS 9521:1980	Specification for push - Button type switches for automotive vehicles