

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 : 2019</i> <i>ISO 11565:2006</i>	Road vehicles - Spark - Plugs - Test methods and requirements (Third Revision)	June, 2019	-	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 : 2018</i>	Speedometer/odometer systems for automotive application - Specification (First Revision)	September, 2018	-	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 : 2018</i>	Electric Tachometer for Automotive Vehicles — Specification	December, 2018	-	Indigenous
7	IS 12588 : 2014 <i>Reviewed In : 2019</i>	Automotive vehicles - Oil and air assisted pressure gauges - Specification (First Revision)	December, 2019	-	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 : 2019	Automotive vehicles - Instrument systems - Temperature gauges - Electrical and Electronic type - Specification (First Revision)	May, 2019	-	Indigenous
17	IS 13602 : 2013 Reviewed In : 2018	Automotive vehicles - Instrument systems - Temperature gauges mechanical types - Specification (First Revision)	September, 2018	-	Indigenous
18	IS 13646 : 2018	Automotive vehicles ? Instrument systems - Pressure gauges electrical / electronic type ? specification (First Revision)	-	-	Indigenous
19	IS 13654 : 1993 Reviewed In : 2019	Automotive vehicles - Instrument systems - Electrical speedometer performance requirements	February, 2019	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 : 2019	Automotive vehicles - Electrical windshield washing systems - Performance requirements	July, 2019	-	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 : 2019	Automotive vehicles - Spark - Plugs M10 x 1 with flat seating	February, 2019	-	Indigenous
29	IS 15730 : 2006 Reviewed In : 2021	AC flashers for 2 and 3 wheelers	July, 2021	-	Indigenous
30	IS 15796 : 2008 Reviewed In : 2019	Automotive vehicles - Horn installation requirements	February, 2019	3	Indigenous
31	IS 15802 : 2008 Reviewed In : 2019	Automotive vehicles - Windscreen wiping system for 4 wheelers other than ml category of vehicles - Requirements	February, 2019	1	Indigenous
32	IS 15804 : 2008 Reviewed In : 2019	Automotive vehicles - Windscreen wiping and washing system for ml category of vehicles - Requirements	February, 2019	2	Indigenous
33	IS 1606 : 1979 Reviewed In : 2019	Specification for automobile lamps (Second Revision)	May, 2019	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	Automotive Vehicles - Advance-Warning Triangle - Specification		-	Indigenous
37	IS 1884 : 1993 Reviewed In : 2019	Automotive vehicles - Electric horns - Specification (Third Revision)	February, 2019	3	Indigenous
38	IS 2077 : 2014 Reviewed In : 2019	Automotive vehicles - Electric relays - Specification (Third Revision)	July, 2019	-	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 : 2019	Automotive vehicles - Flashers for direction indicators - Specification (Second Revision)	December, 2019	1	Indigenous
61	IS 4061 : 1967 Reviewed In : 2021	Specification for headlight switches for automobiles	January, 2021	1	Indigenous
62	IS 4061 : 2024	Headlight Switch for Automobiles â€™ Specification (First Revision)		-	Indigenous
63	IS 4063 : 1982 Reviewed In : 2021	Specification for fuse box for automobiles (First Revision)	January, 2021	-	Indigenous
64	IS 4086 : 1983 Reviewed In : 2021	Specification for distributors for spark ignition engines (First Revision)	January, 2021	-	Indigenous
65	IS 4362 : 1979 Reviewed In : 2021	Specification for number plate lighting devices for automobiles (First Revision)	January, 2021	2	Indigenous
66	IS 4373 : 1967 Reviewed In : 2021	Specification for hydraulically operated stop light switches for automobiles	January, 2021	2	Indigenous
67	IS 4815 : 1982 Reviewed In : 2021	Specification for self - Cancelling direction indicator switches for automobiles (First Revision)	January, 2021	-	Indigenous
68	IS 5439 : 2017 Reviewed In : 2022	Oil pressure switches for automobiles - Specification (Second Revision)	May, 2022	-	Indigenous
69	IS 5545 : 1977 Reviewed In : 2021	Specification for fog lights for automobiles (First Revision)	January, 2021	-	Indigenous
70	IS 5546 : 1981 Reviewed In : 2021	Specification for distribution caps and rotor arms for automobiles (First Revision)	January, 2021	-	Indigenous
71	IS 5562 : 2000 Reviewed In : 2021	Automotive vehicles - Fuel gauges - Cross coil movement type - Specification (Second Revision)	January, 2021	-	Indigenous
72	IS 5577 : 2015 Reviewed In : 2020	Automotive vehicles - Ammeters - Specification (Third Revision)	March, 2020	-	Indigenous
73	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
74	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
75	IS 7471 : 1974 Reviewed In : 2021	Recommendation for polarity of earth connections and marking of electrical equipment for automobiles	January, 2021	-	Indigenous
76	IS 7827 (Part 1) : 1975 Reviewed In : 2021	Specification for electrical wind screen wipers: Part 1 wiper system	January, 2021	1	Indigenous
77	IS 7827 (Part 2) : 1975 Reviewed In : 2021	Specification for electrical wind screin wipers: Part 2 wiper motors	January, 2021	2	Indigenous
78	IS 7827 (Part 3/Sec	Automotive vehicles electrical	February, 2019	-	Indigenous

	1) : 1993 Reviewed In : 2019	wiNd screEn wipers: Part 3 wiper arms and blades section 1 wiper arms - Specification			
79	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
80	IS 7953 : 1976 Reviewed In : 2021	Specification for horn rings for automobiles	January, 2021	1	Indigenous
81	IS 7998 : 1986 Reviewed In : 2021	Specification for contact breakers for two wheelers, three wheelers and stationary spark ignition engines (First Revision)	January, 2021	2	Indigenous
82	IS 8339 : 1993 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Automotive vehicles - Reflex reflectors - Specification (First Revision)	September, 2024	-	Indigenous
83	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
84	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
85	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
86	IS 9264 (Part 1) : 1979 Reviewed In : 2021	Specification for interior lighting of motor vehicle: Part 1 general requirements and recommendations	January, 2021	-	Indigenous
87	IS 9432 : 1980 Reviewed In : 2021	Specification for ignition switches for automobiles	January, 2021	2	Indigenous
88	IS 9433 : 1980 Reviewed In : 2021	Specification for piano key type switches for use in automobiles	January, 2021	1	Indigenous
89	IS 9500 : 2017 Reviewed In : 2022	360 degree rotary emergency warning lights/special warning lamps - Specification (First Revision)	August, 2022	-	Indigenous
90	IS 9521 : 1980 Reviewed In : 2021	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
1	TED 11 (22534) Revision of: IS 7471:1974	Recommendation for Polarity of Earth Connections and Marking of Electrical Equipment for Automobiles
2	TED 11 (23075) Revision of: IS 9433:1980	PIANO KEY TYPE SWITCHES FOR USE IN AUTOMOBILES SPECIFICATION

3	TED 11 (23215) Revision of: IS 4050:1976	HORN SWITCHES FOR AUTOMOBILES METHODS OF TESTS
4	TED 11 (23335) Revision of: IS 1884:1993	AUTOMOTIVE VEHICLES - AUDIBLE WARNING DEVICES SPECIFICATION

Drafts Standards in WC Stage

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

Draft Standards Completed WC Stage

Sl. No.	Doc No.	Title
1	TED 11 (20542)	Self-Cancelling Direction Indicator Switch for Automotive Vehicles - Specification
2	TED 11 (20737)	Push Button Type Switch for Automotive vehicles - Specification
3	TED 11 (26207)	ROAD VEHICLES CYBER SECURITY ENGINEERING

Finalized Draft Indian Standard

Sl. No.	Doc No.	Title
1	TED 11 (16959)	Road vehicles Fuse-links Part 3 Fuse-links with tabs Blade type Type C Medium Type E High current Type F miniature Type N and Type P Sub-miniature

Finalized Draft Indian Standards under Print

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

Total Published Standards:89 Total Standards Under development:8

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

SI. 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 : 2018	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 : 2018	Electric Tachometer for Automotive Vehicles Specification
5	IS 12588 : 2014 Reviewed In : 2019	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 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
11	IS 13509 : 1992 Reviewed In : 2022	Automotive vehicles - Towing vehicles - Mounting of electrical connections on rear cross members
12	IS 13599 : 2014	Automotive vehicles - Instrument systems - Temperature gauges - Electrical andElectronic type -

	Reviewed In : 2019	Specification First Revision
13	IS 13602 : 2013 Reviewed In : 2018	Automotive vehicles - Instrument systems - Temperature gauges mechanical types - Specification First Revision
14	IS 13646 : 2018	Automotive vehicles Instrument systems - Pressure gauges electrical electronic type specification First Revision
15	IS 13654 : 1993 Reviewed In : 2019	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 : 2019	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 : 2019	Automotive vehicles - Horn installation requirements
24	IS 15802 : 2008 Reviewed In : 2019	Automotive vehicles - Windscreen wiping system for 4 wheelers other than ml category of vehicles - Requirements
25	IS 15804 : 2008 Reviewed In : 2019	Automotive vehicles - Windscreen wiping and washing system for ml category of vehicles - Requirements
26	IS 1606 : 1979 Reviewed In : 2019	Specification for automobile lamps Second Revision
27	IS 16325 : 2019	Automotive vehicles windscreen wiping system for 3 wheeler vehicles specification
28	IS 17436 : 2020	Automotive Vehicles - Advance-Warning Triangle - Specification
29	IS 1884 : 1993 Reviewed In : 2019	Automotive vehicles - Electric horns - Specification Third Revision
30	IS 2077 : 2014 Reviewed In : 2019	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 : 2019	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 : 2021	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 Reviewed In : 2021	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 Reviewed In : 2021	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 : 2020	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 : 1974 Reviewed In : 2021	Recommendation for polarity of earth connections and marking of electrical equipment for automobiles
52	IS 7827 (Part 1) : 1975 Reviewed In : 2021	Specification for electrical wind screen wipers Part 1 wiper system
53	IS 7827 (Part 2) : 1975 Reviewed In : 2021	Specification for electrical wind screin wipers Part 2 wiper motors
54	IS 7827 (Part 3/Sec 1) : 1993 Reviewed In : 2019	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 : 2021	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 8854:2012	Road vehicles - Alternators with regulators - Test methods and general requirements First Revision
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	Specification for ignition switches for automobiles

	Reviewed In : 2021	
64	IS 9433 : 1980 Reviewed In : 2021	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 Reviewed In : 2021	Specification for push - Button type switches for automotive vehicles