BUREAU OF INDIAN STANDARDS

Program of Work

ETD 6 : Electrical Insulators And Accessories

Scope: To prepare standards regarding insulated bushing, insulators for overhead lines, insulators for sub-stations and jointing accessories which are integral parts of insulators

Liaison: **IEC TC-36 (P):** *Insulators* **IEC TC-36 SC-36A (P):** *Insulated bushings*

Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 10136 : 1982 Reviewed In : 2021	Code of practice for selection of disc insulator fittings for highest system voltages of 72.5 kV and above	July, 2021	-	Indigenous
2	IS 10314 : 1982 Reviewed In : 2021 DIN 41108-1971	Dimensions for ceramic bushings for terminals	January, 2021	-	Modified/Technically Equivalent
3	IS 12676 : 1989 Reviewed In : 2021	Oil impregnated paper insulated condenser bushings - Dimensions and requirements	July, 2021	-	Indigenous
4	IS 13134 : 1992 Reviewed In : 2018 IEC Report 815-1986	Guide for the selection of insulators in respect of polluted conditions	April, 2018	-	Modified/Technically Equivalent
5	IS 13305 : 1992 Reviewed In : 2018 JIS G-3802 : 1984	Permissible limits of visual defects for insulating porcelains for electrical circuits	April, 2018	-	Modified/Technically Equivalent
6	IS 13312 : 1992 Reviewed In : 2018	Dimensions of porcelain oil filled transformer bushings (Rated 52 KV) for medium polluted atmospheres	April, 2018	-	Indigenous
7	IS 1441 : 1989 Reviewed In : 2019	Insulator stalks for telegraph and telephone lines - Specification (Second Revision)		-	Indigenous
8	IS 1445 : 1977 Reviewed In : 2019	Specification for porcelain insulators for overhead power lines with a nominal voltage up to and including 1 000 V (Second Revision)		5	Indigenous
9	IS 15137 : 2002 Reviewed In : 2024	Metal connecting lugs for porcelain transformer bushings - Specification	August, 2024	-	Indigenous
10	IS 16683 (Part 1) : 2018 IEC TS 60815-1 : 2008 Reviewed In : 2024 IEC TS 60815-1 :	Selection and Dimensioning of High-Voltage Insulators Intended for Use in Polluted Conditions Part 1 Definitions, Information and General Principles	August, 2024	-	Identical under dual numbering

	2008				
11	IS 16683 (Part 2) : 2018 IEC TS 60815-2 : 2008 Reviewed In : 2024 IEC TS 60815-2 : 2008	Selection and Dimensioning of High-Voltage Insulators Intended for Use in Polluted Conditions Part 2 Ceramic and Glass Insulators for a.c. Systems	August, 2024	-	Identical under dual numbering
12	IS 16683 (Part 3) : 2018 IEC/TS 60815-3 : 2008 Reviewed In : 2024 IEC TS 60815-3 : 200	Selection and dimensioning of high - Voltage insulators intended for use in polluted conditions: Part 3 polymer insulators for a.c. systems	August, 2024	-	Identical under dual numbering
13	IS 16683 (Part 4) : 2021 60815-4 IEC TS 60815-4: 2016	High-Voltage Insulators Intended for use in Polluted Conditions - Selection and Dimensioning Part 4 Insulators for d.c. Systems		-	Identical under dual numbering
14	IS 16684 : 2018 IEC 62217 : 2012 Reviewed In : 2024 IEC 62217:2012	Polymeric HV Insulators for Indoor and Outdoor Use-General Definitions, Test Methods and Acceptance Criteria	August, 2024	-	Identical under dual numbering
15	IS 16685 : 2018 IEC 62223 : 2009 Reviewed In : 2024 IEC 62223 : 2009	Insulators - Glossary of terms and definitions	August, 2024	-	Identical under dual numbering
16	IS 16686 : 2018 IEC TR 62662 : 2010 Reviewed In : 2024 IEC TR 62662 :2010	Guidance for Production, Testing and Diagnostics of Polymer Insulators with Respect to Brittle Fracture of Core Materials	August, 2024	-	Identical under dual numbering
17	IS 16687 : 2018 IEC TR 62730 : 2012 Reviewed In : 2024 IEC TR 62730 : 2012	HV Polymeric Insulators for Indoor and Outdoor Use Tracking and Erosion Testing by Wheel Test and 5000 h Test	August, 2024	-	Identical under dual numbering
18	IS 16784 : 2018 IEC 61109:2008 Reviewed In : 2024 IEC 61109: 2008	Insulators for Overhead Lines - Composite Suspension and Tension Insulators for a.c. Systems with a Nominal Voltage Greater Than 1 000 V - Definitions, Test Methods and Acceptance Criteria	August, 2024	-	Identical under dual numbering
19	IS 2486 (Part 1) : 1993 Reviewed In : 2018	Metal fittings of insulators for overhead power lines with nominal voltage greater than 1 000 V - Specification: Part 1 general requirements and tests (Second Revision)	April, 2018	-	Indigenous
20	IS 2486 (Part 2) : 1989 Reviewed In : 2019	Insulator fittings for overhead power lines with nominal voltage greater than 1 000 V - Specification: Part 2 dimensional requirements (Second Revision)		-	Indigenous
21	IS 2486 (Part 3) : 1974 Reviewed In : 2021	Specification for insulator fittings for overhead power lines with a nominal voltage greater than 1 000	July, 2021	-	Modified/Technically Equivalent

	IEC 60372-1: 1971	volts: Part 3 locking devices			
22	IS 2486 (Part 4) : 1981 61372-2 Reviewed In : 2021 IEC 60372-2: 1976	Specification for insulator fittings for overhead power lines with a nominal voltage greater than 1 000 V: Part iv tests for locking devices	July, 2021	-	Modified/Technically Equivalent
23	IS 283 : 1976 Reviewed In : 2021	Specification for porcelain insulators for telegraph and telephone lines (Third Revision)	July, 2021	4	Indigenous
24	IS 3347 (Part 1/Sec 1) : 1979 Reviewed In : 2019 DIN 42530 (1968)	Dimensions for porcelain transformer bushings for use in normal and lightly polluted atmospheres: Part 1 up to and including 1 Kv: Sec 1 porcelain parts (First Revision)		1	Modified/Technically Equivalent
25	IS 3347 (Part 1/Sec 2) : 1979 Reviewed In : 2019 DIN 42530 (1968)	Dimensions for porcelain transformer bushings for use in normal and lightly polluted atmospheres: Part i up to and including 1 kV: Sec 2 metal parts (First Revision)		3	Modified/Technically Equivalent
26	IS 3347 (Part 2/Sec 1) : 1979 Reviewed In : 2019 DIN 42539 (1968)	Dimensions for porcelain transformer bushings for use in normal and lightly polluted atmospheres: Part ii 3.6 kV bushings: Sec 1 porcelain parts (First Revision)		1	Modified/Technically Equivalent
27	IS 3347 (Part 2/Sec 2) : 1979 Reviewed In : 2019 DIN 42539 (1968)	Dimensions for porcelain transformer bushings for use in normal and lightly polluted atmospheres: Part ii 3.6 kV bushings: Sec 2 metal parts (First Revision)		3	Modified/Technically Equivalent
28	IS 3347 (Part 3/Sec 1) : 1988 Reviewed In : 2019 DIN 42531 (1968)	Dimensions for porcelain transformer bushings for use in 1 lightly polluted atmospheres: Part 3 17.5 kV bushings: Sec 1 porcelain parts (Second Revision)		-	Modified/Technically Equivalent
29	IS 3347 (Part 3/Sec 2) : 1982 Reviewed In : 2019 DIN 42531-1968, DIN 42532-1969,DIN 42533-1969	Dimensions for porcelain transformer bushings for use in normal and lightly polluted atmospheres: Part iii 12 and 17.5 kV bushings: Sec 2 metal parts (First Revision)		2	Modified/Technically Equivalent
30	IS 3347 (Part 4/Sec 1) : 1988 Reviewed In : 2019	Dimensions for porcelain transformer bushings for use in lightly polluted atmospheres: Part 4 24 kv bushings: Sec 1 porcelain parts (Second Revision)		1	Indigenous
31	IS 3347 (Part 4/Sec 2) : 1982 Reviewed In : 2019 DIN 42531 (1968), DIN 42532 (1969), DIN 42533 (1969)	Dimensions for porcelain transformer bushings for use in normal and lightly polluted atmospheres: Part 4 24 kV bushings: Sec 2 metal parts (First Revision)		3	Modified/Technically Equivalent
32	IS 3347 (Part 5/Sec 1) : 1979 Reviewed In : 2019	Dimension for porcelain transformer bushings for use in normal and lightly polluted	April, 2019	1	Modified/Technically Equivalent

	DIN 42531 (1968), DIN 42532 (1969), DIN 42533 (1969)	atmospheres: Part 5 36 kV bushings: Sec 1 porcelain parts (Second Revision)			
33	IS 3347 (Part 5/Sec 2) : 1979 Reviewed In : 2019	Dimensions for porcelain transformer bushings for use in normal and lightly polluted atmospheres: Part 5 36 kV bushings: Sec 2 metal parts (First Revision)		2	Indigenous
34	IS 3347 (Part 8/Sec 1) : 1988 Reviewed In : 2019 DIN 42534 (Tier 1)-1963	Dimensions for porcelain transformer bushings for use in lightly polluted atmospheres: Part 8 52 kV bushings: Sec 1 porcelain part	April, 2019	-	Modified/Technically Equivalent
35	IS 3347 (Part 8/Sec 2) : 1992 Reviewed In : 2019	Dtmensions for porcelain transformer bushings for use in lightly polluted atmospheres: Part 8 52 kV bushings: Sec 2 metal parts	April, 2019	-	Indigenous
36	IS 4257 (Part 1) : 1981 Reviewed In : 2019 DIN 42538	Dimensions for clamping arrangements for porcelain transformer bushings: Part 1 for 12 kV to 52 kV bushings (First Revision)		1	Modified/Technically Equivalent
37	IS 4257 (Part 2) : 1986 Reviewed In : 2019 DIN 42538	Dimensions for clamping arrangements for porcelain transformer bushings: Part 2 for 72.5 kV and 123 kV bushings		-	Modified/Technically Equivalent
38	IS 4318 : 1993 Reviewed In : 2018	Solid core porcelain insulators for overhead traction lines - Specification (First Revision)	April, 2018	-	Indigenous
39	IS 5300 : 1969 Reviewed In : 2019 ASA C29.4-1961	Specification for porcelain guy strain insulators		1	Modified/Technically Equivalent
40	IS 5350 (Part 1) : 1970 Reviewed In : 2019	Dimensions of indoor and outdoor porcelain post insulators and post insulator units for systems with nominal voltages greater than 1000 V: Part 1 indoor post insulators		2	Indigenous
41	IS 5350 (Part 2) : 1973 Reviewed In : 2019 IEC Publication 273 (1968)	Dimensions of indoor and outdoor porcelain post insulators and post insulator units for systems with nominal voltage greater than 1000 V: Part 2 outdoor cylindrical post insulators (First Revision)		-	Modified/Technically Equivalent
42	IS 5350 (Part 3) : 1971 Reviewed In : 2019 IEC Publication 273 (1968)	Dimensions of indoor and outdoor porcelain post insulators and post insulator units for systems with nominal voltages greater than 1000 V: Part 3 outdoor pedestal post insulators		3	Modified/Technically Equivalent
43	IS/IEC 60120 : 2020 IEC 60120:2020 IEC 60120:2020	Ball and socket couplings of string insulator units - Dimensions		-	Identical under single numbering
44	IS/IEC 60137 : 2017 IEC 60137: 2017 Reviewed In : 2024 IEC 60137: 2017	Insulated Bushings for Alternating Voltages above 1 000 V	August, 2024	-	Identical under single numbering
45	IS/IEC 60168 : 2000 IEC 60168 : 2001	Tests on indoor and outdoor post insulators of ceramic material or	August, 2024	-	Identical under single numbering

	Reviewed In : 2024 IEC 60168 : 2000	glass for systems with nominal voltages greater than 1 000 v			
46	IS/IEC 60273 : 1990 IEC 60273 : 1990 IEC 60273: 1990	Characteristic of indoor and outdoor post insulators for systems with nominal voltages greater than 1 000 v		-	Identical under single numbering
47	IS/IEC 60305 : 1995 IEC 60305:2021	Insulatore for Overhead Lines with a Nominal Voltage Above 1 000 V - Ceramic or Glass Insulator Units for a.c. Systems - Characteristics of Insulator Units of the Cap and Pin Type		-	Identical under single numbering
48	IS/IEC 60305 : 2021 IEC 60305:2021 IEC 60305:2021	Insulators for Overhead Lines with a Nominal Voltage Above 1 000 V - Ceramic or Glass Insulator Units for a.c. Systems - Characteristics of Insulator Units of the Cap and Pin Type (First Revision)		-	Identical under single numbering
49	IS/IEC 60372 : 1984 Reviewed In : 2020 IEC 60372:2020	Locking devices for ball and socket couplings of string insulators units - Dimensions and tests	August, 2020	-	Identical under single numbering
50	IS/IEC 60372 : 2020 IEC 60372:2020 IEC 60372:2020	Locking devices for ball and socket couplings of string insulators units - Dimensions and tests (First Revision)		-	Identical under single numbering
51	IS/IEC 60383-1 : 1993 IEC 60383-1 : 1993 IEC 60383-1: 2023	Insulators for Overhead Lines with a Nominal Voltage Above 1 000 V Part 1 Ceramic or Glass Insulator Units for a.c. Systems â€" Definitions, Test Methods and Acceptance Criteria		-	Identical under single numbering
52	IS/IEC 60383-1 : 2023 IEC 60383-1: 2023 IEC 60383-1: 2023	Insulators for Overhead Lines with a Nominal Voltage above 1 000 V Part 1 Ceramic or Glass Insulator Units for a.c Systems - Definitions, Test Methods and Acceptance Criteria (First Revision)		-	Identical under single numbering
53	IS/IEC 60383-2 : 1993 IEC 60383-2 : 1993 IEC 60383-2 : 1993	Insulators for Overhead Lines with a Nominal Voltage Above 1 000 V Part 2 Insulator Strings and Insulator Sets for a.c. Systems â€" Definitions, Test Methods and Acceptance Criteria		-	Identical under single numbering
54	IS/IEC 60433 : 2021 IEC 60433:2021 IEC 60433:2021	Insulators for overhead lines with a nominal voltage above 1 000 V - Ceramic insulators for ac systems - Characteristics of insulator units of the long rod type		-	Identical under single numbering
55	IS/IEC 60471 : 2020 IEC 60471:2020 IEC 60471:2020	Clevis and Tongue Couplings of String Insulator Units ï¿½ Dimensions (First Revision)		-	Identical under single numbering
56	IS/IEC/TR 60575 : 1977 IEC TR 60575:1977 IEC TR 60575:1977	Thermal-mechanical performance test and mechanical performance test on string insulator units		-	Identical under single numbering
57	IS/IEC 60720 : 1981 IEC 60720:1981 IEC 60720:1981	Line Post Insulators Characteristics		-	Identical under single numbering
58	IS/IEC 61211 : 2004	Insulators of ceramic material or	August, 2024	-	Identical under single

	IEC 61211:2004 Reviewed In : 2024 IEC 61211:2004	glass for overhead lines with a nominal voltage greater than 1 000 V - Impulse puncture testing in air			numbering
59	IS/IEC/TS 61245 : 2015 IEC 61245 : 2015 Reviewed In : 2024 IEC 61245: 2015	Artificial pollution tests on high - Voltage ceramic and glass insulators to be used on d.c. systems	August, 2024	1	Identical under single numbering
60	IS/IEC 61325 : 1995 IEC 61325:1995 IEC 61325:1995	Insulators for overhead lines with a nominal voltage above 1 000 V - Ceramic or glass insulator units for dc systems - Definitions test methods and acceptance criteria		-	Identical under single numbering
61	: 2023 IEC 61462: 2023 IEC 61462: 2023	Composite Hollow Insulators - Pressurized and Unpressurized Insulators For Use in Electrical Equipment with a.c Rated Voltage Greater than 1 000 V and d.c Voltage Greater than 1 500 V - Definitions, Test Methods, Acceptance Criteria and Design Recommendations (First Revision)		-	Identical under single numbering
62	IS/IEC 61462 : 2007 IEC 61462:2007 IEC 61462: 2023	Composite hollow insulators - Pressurized and unpressurized insulators for use in electrical equipment with rated voltage greater than 1 000 V - Definitions test methods acceptance criteria and design recommendations		-	Identical under single numbering
63	IS/IEC/TS 61463 : 2016 61463-2016 Reviewed In : 2024 61463-2016	Bushings - Seismic qualification	August, 2024	-	Identical under single numbering
64	IS/IEC/TS 62073 : 2016 IEC/TS 62073 : 2016 Reviewed In : 2024 IEC/TS 62073 : 2016	Guidance on the Measurement of Hydrophobicity of Insulator Surfaces	August, 2024	-	Identical under single numbering
65	IS/IEC 62155 : 2003 IEC 62155 : 2003 Reviewed In : 2024 IEC 62155 : 2003	Hollow Pressurized and Unpressurized Ceramic and Glass Insulators for Use in Electrical Equipment with Rated Voltages Greater Than 1 000 V	August, 2024	-	Identical under single numbering
66	IS/IEC/TS 62371 : 2008 62371:2008 Reviewed In : 2024 62371:2008	Characteristics of hollow pressurised and unpressurised ceramic and glass insulators for use in electrical equipment with rated voltages greater than 1000 V	August, 2024	-	Identical under single numbering
67	IS/IEC/TS 62896 : 2015 62896:2015 62896:2015	Hybrid insulators for ac and dc for high-voltage applications - Definitions test methods and acceptance criteria		-	Identical under single numbering
68	IS/IEC/IEEE 65700-19-3 : 2014 IEC/IEEE	Bushing for DC Application	August, 2024	-	Identical under single numbering

	65700-19-03 : 2014 Reviewed In : 2024 IEC/IEEE 65700 : Part 19 : Sec 3 : 2014				
69	IS 731 : 1971 Reviewed In : 2021 IEC Pub 274, BS 137 : Part I : 1970, Draft BS 137 : Part II : 1970	Specification for procelain insulators for overhead power lines with a nominal voltage greater than 1000 V (Second Revision)	June, 2021	7	Modified/Technically Equivalent
70	IS 7421 : 1988 Reviewed In : 2019	Specification for porcelain bushings for alternating voltages upto and including 1000 v (First Revision)		-	Indigenous
71	IS 7648 : 1975 Reviewed In : 2019	Specification for silicone compounds for application on high voltage porcelain insulators		-	Indigenous
72	IS 7935 : 1975 Reviewed In : 2021	Specification for insulator fittings for overhead power lines with a nominal voltage up to and including 1000 v	July, 2021	3	Indigenous
73	IS 8263 : 2018 IEC 60437 : 1997 IEC 60437 : 1997	Radio interference test on high - Voltage insulators (First Revision)		-	Identical under dual numbering
74	IS 8269 : 1976 Reviewed In : 2019 IEC Pub 506(1975)	Methods for switching impulse tests on high voltage insulators	April, 2019	-	Modified/Technically Equivalent
75	IS 8603 : 2008 Reviewed In : 2024	Dimensions for porcelain transformer bushings for use in heavily polluted atmospheres 12/17.5 kV, 24 kV and 36 kV (First Revision)	August, 2024	1	Indigenous
76	IS 8603 (Part 4) : 2003 Reviewed In : 2024	Dimensions for porcelain transformer bushings for use in heavily polluted atmospheres: Part 4 52 kV bushings	August, 2024	-	Indigenous
77	IS 8704 : 2018 IEC 60507 : 2013 Reviewed In : 2024 IEC 60507 : 2013	Artificial pollution test on highVoltage ceramic and glass insulators to be used on a.c. systems (Second Revision)	August, 2024	-	Identical under dual numbering
78	IS 8765 : 1978 Reviewed In : 2019 BS 1598:1964	Specification for ceramic insulating materials for electrical purposes	April, 2019	1	Modified/Technically Equivalent
79	IS 9431 : 2024 IEC 60660 :1999 IEC 60660 :1999	Indoor Post Insulators of Organic Material for Systems with Nominal Voltages Greater Than 1000 V UP to and Including 300 kV - Specification (First Revision)		-	Identical under dual numbering
80	IS 9431 : 1979 Reviewed In : 2019 IEC 60660 :1999	Specification for indoor post insulators of organic material for systems with nominal voltages greater than 1000 v up to and including 300 kV	April, 2019	-	Identical under dual numbering
81	IS/IEEE Std1523™ : 2018 IEEE 1523:2018 IEEE 1523:2018	Guide for the Application Maintenance and Evaluation of Room Temperature Vulcanizing RTV Silicone Rubber Insulator Coatings		-	Identical under single numbering

Standards under Development

Projects Approved

SI. No.	Doc No.	Title
No Records Found		

Preliminary Draft Standards

SI. No.	Doc No.	Title
No Records Found		

Drafts Standards in WC Stage

SI. No.	Doc No.	Title
No Records Found		

Draft Standards Completed WC Stage

SI. No.	Doc No.	Title
No Records Found		

Finalized Draft Indian Standard

SI. No.	Doc No.	Title
No Records Found		

Finalized Draft Indian Standards under Print

SI. No.	Doc No.	Title
1	ETD 6 (25767) Revision of: IS 8263:2018	Radio Interference Test on High-Voltage Insulators Second Revision

Total Published Standards:64 Total Standards Under development:1

Aspect Wise Report

Product : 28
Code of Practices : 4
Methods of Test : 13
Terminology : 0
Dimensions : 27
System Standard : 0
Safety Standard : 0
Others : 3
Service Specification : 0
Process Specification : 0
Unclassified : 0

Annexure-I :List of Indian Standards Withdrawn/Superseded

SI. No.	IS No. & Year	Title
1	IS 2099 : 1986 Reviewed In : 2018	Bushings for alternating voltages above 1 000 Volts
2	IS 2544 : 1973 Reviewed In : 2016	Porcelain post insulators for systems with nominal voltage greater than 1000 V olts

3	IS 3188 : 1980 Reviewed In : 2014	Characteristics Of String Insulator Units
4	IS 3347 (Part 6/Sec 1) : 1977 Reviewed In : 1989	Dimensions for porcelain transformer bushings for use in lightly polluted atmospheres Part 6 72 5 kV bushings Sec 1 Porcelain parts
5	IS 3347 (Part 6/Sec 2) : 1982 Reviewed In : 1988	Dimensions for porcelain transformer bushings for use in lightly polluted atmospheres Part 6 72 5 kV bushings Sec 2 Metal parts
6	IS 3347 (Part 7/Sec 1) : 1977 Reviewed In : 1989	Dimensions for porcelain transformer bushings for use in lightly polluted atmospheres Part 7 123 kV bushings Sec 1 Porcelain parts
7	IS 3347 (Part 7/Sec 2) : 1982 Reviewed In : 1988	Dimensions for porcelain transformer bushings for use in lightly polluted atmospheres Part 7 123 kV bushings Sec 2 Metal parts
8	IS 5621 : 1980 Reviewed In : 2014	Hollow insulators for use in electrical equipment
9	IS 8603 (Part 1) : 1977 Reviewed In : 2001	Dimensions for porcelain transformer bushings for use in heavily polluted atmospheres Part 1 12 kV and 17 5 kV bushings Amalglamating in IS 8603 2008
10	IS 8603 (Part 2) : 1977 Reviewed In : 2001	Dimensions for porcelain transformer bushings for use in heavily polluted atmospheres Part 2 24 kV buhsings Amalgamating in IS 8603 2008
11	IS 8603 (Part 3) : 1977 Reviewed In : 2001	Dimensions for porcelain transformer bushings for use in heavily polluted atmospheres Part 3 36 kV bushings amalgamating in IS 8063 2008

Annexure-II :List of Indian Product Standards

SI. No.	IS No. & Year	Title
1	IS 1441 : 1989 Reviewed In : 2019	Insulator stalks for telegraph and telephone lines - Specification Second Revision
2	IS 1445 : 1977 Reviewed In : 2019	Specification for porcelain insulators for overhead power lines with a nominal voltage up to and including 1 000 V Second Revision
3	IS 15137 : 2002 Reviewed In : 2024	Metal connecting lugs for porcelain transformer bushings - Specification
4	IS 16684 : 2018 IEC 62217 : 2012 Reviewed In : 2024 IEC 62217:2012	Polymeric HV Insulators for Indoor and Outdoor Use-General Definitions Test Methods and Acceptance Criteria
5	IS 2486 (Part 2) : 1989 Reviewed In : 2019	Insulator fittings for overhead power lines with nominal voltage greater than 1 000 V - Specification Part 2 dimensional requirements Second Revision
6	IS 2486 (Part 3) : 1974 Reviewed In : 2021 IEC 60372-1: 1971	Specification for insulator fittings for overhead power lines with a nominal voltage greater than 1 000 volts Part 3 locking devices
7	IS 283 : 1976 Reviewed In : 2021	Specification for porcelain insulators for telegraph and telephone lines Third Revision
8	IS 4318 : 1993 Reviewed In : 2018	Solid core porcelain insulators for overhead traction lines - Specification First Revision
9	IS 5300 : 1969 Reviewed In : 2019 ASA C29.4-1961	Specification for porcelain guy strain insulators
10	IS/IEC 60137 : 2017 IEC 60137: 2017 Reviewed In : 2024 IEC 60137: 2017	Insulated Bushings for Alternating Voltages above 1 000 V
11	IS/IEC 60273 : 1990 IEC 60273 : 1990 IEC 60273: 1990	Characteristic of indoor and outdoor post insulators for systems with nominal voltages greater than 1 000 v
12	IS/IEC 60305 : 2021 IEC 60305:2021	Insulators for Overhead Lines with a Nominal Voltage Above 1 000 V - Ceramic or Glass Insulator Units for a c Systems - Characteristics of Insulator Units of the Cap and Pin Type First Revision
13	IS/IEC 60372 : 2020	Locking devices for ball and socket couplings of string insulators units - Dimensions and tests First

	IEC 60372:2020	Revision
14	IS/IEC 60383-1 : 2023 IEC 60383-1: 2023	Insulators for Overhead Lines with a Nominal Voltage above 1 000 V Part 1 Ceramic or Glass Insulator Units for a c Systems - Definitions Test Methods and Acceptance Criteria First Revision
15	IS/IEC 60383-2 : 1993 IEC 60383-2 : 1993 IEC 60383-2 : 1993	Insulators for Overhead Lines with a Nominal Voltage Above 1 000 V Part 2 Insulator Strings and Insulator Sets for a c Systems Definitions Test Methods and Acceptance Criteria
16	IS/IEC 60433 : 2021 IEC 60433:2021	Insulators for overhead lines with a nominal voltage above 1 000 V - Ceramic insulators for ac systems - Characteristics of insulator units of the long rod type
17	IS/IEC 60720 : 1981 IEC 60720:1981	Line Post Insulators Characteristics
18	: 2023 IEC 61462: 2023	Composite Hollow Insulators - Pressurized and Unpressurized Insulators For Use in Electrical Equipment with a c Rated Voltage Greater than 1 000 V and d c Voltage Greater than 1 500 V - Definitions Test Methods Acceptance Criteria and Design Recommendations First Revision
19	IS/IEC 62155 : 2003 IEC 62155 : 2003 Reviewed In : 2024 IEC 62155 : 2003	Hollow Pressurized and Unpressurized Ceramic and Glass Insulators for Use in Electrical Equipment with Rated Voltages Greater Than 1 000 V
20	IS/IEC/TS 62371 : 2008 62371:2008 Reviewed In : 2024	Characteristics of hollow pressurised and unpressurised ceramic and glass insulators for use in electrical equipment with rated voltages greater than 1000 V
21	IS/IEC/TS 62896 : 2015 62896:2015	Hybrid insulators for ac and dc for high-voltage applications - Definitions test methods and acceptance criteria
22	IS/IEC/IEEE 65700-19-3 : 2014 IEC/IEEE 65700-19-03 : 2014 Reviewed In : 2024 IEC/IEEE 65700 : Part 19 : Sec 3 : 2014	Bushing for DC Application
23	IS 731 : 1971 Reviewed In : 2021 IEC Pub 274, BS 137 : Part I : 1970, Draft BS 137 : Part II : 1970	Specification for procelain insulators for overhead power lines with a nominal voltage greater than 1000 V Second Revision
24	IS 7421 : 1988 Reviewed In : 2019	Specification for porcelain bushings for alternating voltages upto and including 1000 v First Revision
25	IS 7648 : 1975 Reviewed In : 2019	Specification for silicone compounds for application on high voltage porcelain insulators
26	IS 7935 : 1975 Reviewed In : 2021	Specification for insulator fittings for overhead power lines with a nominal voltage up to and including 1000 v
27	IS 8765 : 1978 Reviewed In : 2019 BS 1598:1964	Specification for ceramic insulating materials for electrical purposes
28	IS 9431 : 2024 IEC 60660 :1999	Indoor Post Insulators of Organic Material for Systems with Nominal Voltages Greater Than 1000 V UP to and Including 300 kV - Specification First Revision