BUREAU OF INDIAN STANDARDS

Program of Work

LITD 24 : Magnetic Components,Ferrite Materials, Piezoelectric and Frequency Control Devices

Scope: To prepare Indian standards relating to: a) Piezoelectric and dielectric devices for frequency control and selection. b) Parts and components displaying magnetic properties and ferrite materials

Liaison: **IEC TC-49 (P):** *Piezoelectric, dielectric and electrostatic devices and associated materials for frequency control, selection and detection* **IEC TC-51 (P):** *Magnetic components, ferrite and magnetic powder materials*

Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 10230 (Part 1) : 1982 Reviewed In : 2020	Specification for if and RF transformers inductors (Coils) and: Part 1 general requirements and tests	September, 2020	-	Indigenous
2	IS 10337 : 1982 IEC 689 Reviewed In : 2018	32.768 Khz Quartz Crystal Units for Wrist Watches	December, 2018	-	Indigenous
3	IS 10370 (Part 1) : 1982 Reviewed In : 2020	Dimensions of mounting accessories of pot cores for wired circuits: Part 1 for pot cores of size 26 x 16 mm	September, 2020	-	Indigenous
4	IS 10370 (Part 2) : 1982 Reviewed In : 2020	Dimensions of mounting accessories of pot cores for wired circuits: Part 2 for pot cores of size 18 x 11 mm	September, 2020	-	Indigenous
5	IS 10370 (Part 3) : 1982 Reviewed In : 2020	Dimensions of mounting accessories of pot cores for wired circuits: Part 3 for pot cores of size 18 x 14 mm	September, 2020	-	Indigenous
6	IS 10488 (Part 1) : 1983 Reviewed In : 2020	Specification for frame output transformers used with television picture tubes: Part 1 general requirements and tests	October, 2020	-	Indigenous
7	IS 10488 (Part 2) : 1983 Reviewed In : 2020	Specification for frame output transformers used with television picture tubes: Part 2 type fot ih for 470, 510, 590 and 610 mm television picture tubes	August, 2020	-	Indigenous
8	IS 11013 : 1984 Reviewed In : 2018	Specification for piezoelectric ceramic elements (Impact Type And Squeeze Type) for gas lighters	December, 2018	-	Indigenous
9	IS 11014 (Part 1) : 1984 Reviewed In : 2018	Specification for piezoelectric ceramic materials: Part 1 general aspects and methods of	December, 2018	-	Indigenous

		measurements			
10	IS 11014 (Part 2) : 1984 Reviewed In : 2018	Specification for piezoelectric ceramic materials: Part 2 types 1 and 5	December, 2018	-	Indigenous
11	IS 11014 (Part 3) : 1985 Reviewed In : 2018	Specification for piezoelectric ceramic materials: Part 3 types 4 and 8	December, 2018	-	Indigenous
12	IS 11014 (Part 4) : 1989 Reviewed In : 2018	Specification for piezoelectric ceramic materials: Part 4 type 5 H	December, 2018	-	Indigenous
13	IS 11296 (Part 1) : 1986 Reviewed In : 2020	Method of magnetic testing of TV ferrite components: Part 1 measurement of magnetic properties of beam centering magnet	February, 2020	-	Indigenous
14	IS 11296 (Part 2) : 1985 Reviewed In : 2020	Method for magnetic testing of TV ferrite components: Part 2 flux measurement of corner correction magnet	February, 2020	-	Indigenous
15	IS 11296 (Part 3) : 1985 Reviewed In : 2020	Method for magnetic testing of TV ferrite components: Part 3 flux measurement of pin cushion correction magnet	February, 2020	-	Indigenous
16	IS 11299 : 1984 Reviewed In : 2018	Guide for the selection and use of piezoelectric ceramic materials and elements	December, 2018	-	Indigenous
17	IS 11334 : 1984 IEC 642 Reviewed In : 2018	Method of measurement for piezoelectric ceramic resonators and resonator units for frequency control and selection	December, 2018	-	Indigenous
18	IS 11392 (Part 2/Sec 1) : 1985 Reviewed In : 2020	Dimensions of mounting accessories of pot cores for printed circuit board mountings: Part 2 for pot cores of size 26 x 16 (Mm): Sec 1 type 1	February, 2020	-	Indigenous
19	IS 11392 (Part 3/Sec 1) : 1985 IEC 740 Reviewed In : 2020	Dimensions of mounting accessories of pot cores for printed circuit board mountings: Part 3 for pot cores of size 30 x 19 (Mm): Sec 1 type 1	February, 2020	-	Indigenous
20	IS 11455 (Part 1/Sec 1) : 1985 Reviewed In : 2020 IEC 60852-1:1986	Outl4e dimlWyons of transformers and inductors for use in telecommunication and electronic equipment: Part 1 transformers and inibUctors using yei - Laminations: Sec 1 un4ersal mounting	June, 2020	-	Modified/Technically Equivalent
21	IS 11455 (Part 1/Sec 2) : 1986 Reviewed In : 2020 IEC 60852-1:1986	Outline dimensions of transformers and inductors for use in telecommunicalIon and electronic equipment: Part 1 transformers and inuuctors using yei - Laminations: Sec 2 u - Clamp mounting	September, 2020	-	Modified/Technically Equivalent
22	IS 11455 (Part 1/Sec 3) : 1985 Reviewed In : 2020 IEC 60852-1:1986	Outline dimensions of transformers and inductors for use in telecommunication and electronic equipment: Part 1 transformers and inductors using yei - Laminations: Sec 3 printed wiring board mounting	May, 2020	-	Modified/Technically Equivalent

23	IS 11455 (Part 2) : 1988 Reviewed In : 2020 IEC 60852 -2 (1992)	Outline dimensions of transformers and inductors for use in telecommunication and electronic equipment: Part 2 transformers and inductors using yex - 2 laminations for printed circuit board mounting	February, 2020	1	Modified/Technically Equivalent
24	IS 11455 (Part 3) : 2001 IEC 60852-3(1992) Reviewed In : 2020 IEC 60852-3(1992)	Outline dimensions of transformers and inductors for use in telecommunication and electronic equipment: Part 3 transformers and inductors using yui - I laminations (First Revision)	August, 2020	-	Identical under dual numbering
25	IS 11455 (Part 4) : 1992 Reviewed In : 2020 IEC 60852-5 (1994)	Outline dimensions of transformers and inductors for use in telecommunication and electronic equipment: Part 4 transformers and inductors using Q - Series of c - Cores	March, 2020	1	Modified/Technically Equivalent
26	IS 11514 : 1985 Reviewed In : 2020	Specification for plezoelectric ceramic cartridge for impact type electronic gas lighters	February, 2020	-	Indigenous
27	IS 11519 : 1985 Reviewed In : 2018	Specification for piezoelectric ceramic cartridge for squeeze type electronic gas lighters	December, 2018	-	Indigenous
28	IS 11658 : 1986 Reviewed In : 2020	General requirements and methods of tests of piezoelectric ceramic pressure transducers - Dynamic type	January, 2020	-	Indigenous
29	IS 11880 : 1986 Reviewed In : 2019	Specification for piezoelectric ceramic trilaminate elements used in phonograph pick - Ups, ultrasonic transducers and similar devices	August, 2019	-	Indigenous
30	IS 12825 : 1989 Reviewed In : 2018	Piezoelectric ceramic elements for electronic buzzers - Specificaiton	December, 2018	-	Indigenous
31	IS 13412 (Part 1) : 1992 Reviewed In : 2021 IEC 1021-1 (1990)	Laminated core packages for transformers and inductors used in telecommunication and electronic equipment: Part 1 dimensions	December, 2021	1	Modified/Technically Equivalent
32	IS 13412 (Part 2) : 1998 Reviewed In : 2018 IEC 1021-2 (1995)	Specificationforlaminated corepackagesfortransformersand inductorsusedintelecommunication andelectronicequipment: Part 2 electrical characteristics	December, 2018	-	Modified/Technically Equivalent
33	IS 13413 (Part 1) : 2023 IEC 61797-1: 1996 IEC 61797-1: 1996	Transformers and inductors for use in telecommunication and electronic equipment - Main dimensions of coil formers - Part 1: Coil formers for laminated cores		-	Identical under dual numbering
34	IS 13674 (Part 1) : 1998 Reviewed In : 2020	Dimensionsofferritecomponents for CTV: Part 1 cores for deflection coil	February, 2020	-	Indigenous
35	IS 13674 (Part 2) : 1993 Reviewed In : 2020	Dimensions of ferrite components for CTV: Part 2 cores for line output transformers	February, 2020	1	Indigenous
36	IS 13674 (Part 3) : 1993 Reviewed In : 2020	Dimensions of ferrite components for CTV: Part 3 cores for SMPS transformer	February, 2020	-	Indigenous
37	IS 13898 : 1993	Dimensions of coil formers of	February, 2020	-	Modified/Technically

	Reviewed In : 2020 IEC (51) Sectt238	transformers and inductors for use intelecommunication and electronic equipment			Equivalent
38	IS 13901 (Part 2) : 1993 ISO 3189-2 Reviewed In : 2020	Dimensions of ferrite components for CTV: Part 2 cores for line output transformers	October, 2020	1	Indigenous
39	IS 13909 : 1993 Reviewed In : 2020 IEC 1247 (1995)	Dimensions of pm - Cores made of magnetic oxides and associated Parts	February, 2020	1	Modified/Technically Equivalent
40	IS 14870 : 2000 Reviewed In : 2020 IEC 61007:1994	Transformers and inductors for use in electronic and telecommunication equipment - Measuring methods and test procedures	February, 2020	-	Identical under dual numbering
41	IS 15204 : 2002 IEC 61830 1997)(Reviewed In : 2019 IEC 61830 1997)(	Microwave ferrite components - Measuring methods for major properties	August, 2019	-	Identical under dual numbering
42	IS 15544 : 2004 IEC 61080: 1991 Reviewed In : 2022 IEC 61080: 1991	Guide to the measurement of equivalent electrical parameters of quartz crystal units	April, 2022	-	Identical under dual numbering
43	IS 1885 (Part 31) : 1971 Reviewed In : 2017 IEC 109 (CO)1004	Electrotechnical vocabulary: Part 31 magnetism	March, 2017	-	Modified/Technically Equivalent
44	IS 1885 (Part 41) : 1975 Reviewed In : 2017 IEC 51 (CO) 112	Electrotechnical vocabulary: Part xli non - Reciprocal electromagnetic components	March, 2017	-	Modified/Technically Equivalent
45	IS 1885 (Part 44) : 2023 IEC 60050-561:2014 IEC 60050-561:2014	Electrotechnical vocabulary Part 44: Piezoelectric dielectric and electrostatic devices and associated materials for frequency control selection and detection (Second Revision)		-	Identical under dual numbering
46	IS/QC 260000 : 2000 Reviewed In : 2020 IECQC 260000(1996)	Transformers and inductors for use in electronic and telecommunication equipment: Part 1 generic specification	February, 2020	-	Identical under single numbering
47	IS/QC 260100 : 1998 Reviewed In : 2020 IECQC 260100 (1996)	Transformers and inductors for use in electronic and telecommunication equipment: Part 2 Secal specification for signal transformers on the basis of capABility approval procedure	February, 2020	-	Identical under single numbering
48	IS/QC 260200 : 1999 Reviewed In : 2020 IECQC 260200(1996)	Transformers and inductors for use in electronic and telecommunication equipment: Part 3 Secal specification for power transformers onthe basis of capABility approval procedure	February, 2020	-	Identical under single numbering
49	IS/QC 260300 : 2000 Reviewed In : 2020 IECQC 260300 (1996)	Transformers and inductors for use in electronic and telecommunication equipment: Part 4 Secal specification for power transformers for switched	February, 2020	-	Identical under single numbering

		mode power supplies (Smps) on the basis of capABility approval procedure			
50	IS/QC 260400 : 2000 Reviewed In : 2020 IECQC 260400 (1996)	Transformers and inductors for use in electronic and telecommunication equipment: Part 5 Secal specification for pulse transformers on the basis of capABility approval procedure	February, 2020	-	Identical under single numbering
51	IS/QC 260500 : 2000 Reviewed In : 2020 IECQC 260500(1996)	Transformers and inductors for use in electronic and telecommunication equipment: Part 6 Secal specification for inductors on the basis of capABility approval procedure	February, 2020	-	Identical under single numbering
52	IS 2935 : 2022 IEC 60122-2:1983 IEC 60122-2:1983	Quartz crystal units for frequency control and selection Part 2: Guide to the use of quartz crystal units for frequency control and selection		-	Identical under dual numbering
53	IS 4570 (Part 5) : 1999 Reviewed In : 2021 IEC 60122-3: 1977	Specification for crystal unit holders: Part 5 metal, solder sealed,two pin crystal unit holderstypes BF, BF/l and BG, BG/1 (First Revision)	March, 2021	-	Modified/Technically Equivalent
54	IS 4570 (Part 9) : 1999 Reviewed In : 2021	Specification for crystal unit holders: Part 9 metal, welded, two - Pin crystal unit holders type DN (First Revision)	March, 2021	-	Indigenous
55	IS/IEC 60122-1 : 2017 IEC 60122-1:2002+ AMD1:2017CSV IEC 60122-1:2002+ AMD1:2017CSV	Quartz Crystal Units of Assessed Quality Part 1: Generic Specification		-	Identical under single numbering
56	IS/IEC 60122-3 : 2010 IEC 60122-3:2010 IEC 60122-3:2010	QUARTZ CRYSTAL UNITS OF ASSESSED QUALITY PART 3: STANDARD OUTLINES AND LEAD CONNECTIONS		-	Identical under dual numbering
57	IS/IEC 60122-4 : 2019 IS/IEC 60122-4:2019 IS/IEC 60122-4:2019	Quartz crystal units of assessed quality Part 4: Crystal units with thermistors		-	Identical under single numbering
58	IS/IEC 60368-2-1) : 1988 IEC 60368-2-1:1988 IEC 60368-2-1:1988	Piezoelectric filters Part 2: Guide to the use of piezoelectric filters Section One Quartz crystal filters		-	Identical under dual numbering
59	IS/IEC 60368-2-2) : 1996 IEC 60368-2-2: 1996 IEC 60368-2-2: 1996	Piezoelectric filters Part 2: Guide to the use of piezoelectric filters Section 2 Piezoelectric ceramic filters		-	Identical under dual numbering
60	IS/IEC 60401-3 : 2015 IS/IEC 60401-3:2015	Terms and nomenclature for cores made of magnetically soft ferrites Part 3: Guidelines on the format of data appearing in manufacturers		-	Identical under single numbering

	IS/IEC 60401-3:2015	catalogues of transformer and inductor cores			
61	IS/IEC 60444-9 : 2022 IS/IEC 60444-9:2007 IS/IEC 60444-9:2007	Measurement of quartz crystal unit parameters Part 9: Measurement of spurious resonances of piezoelectric crystal units		-	Identical under single numbering
62	IS/IEC 60556 : 2016 IEC 60556:2006 IEC 60556:2006	Gyromagnetic materials intended for application at microwave frequencies Measuring methods for properties		-	Identical under single numbering
63	IS/IEC 60740-1 : 2005 IEC 60740-1:2005 Reviewed In : 2022 IEC 60740-1:2005	LAMINATIONS FOR TRANSFORMERS AND INDUCTORS PART 1: MECHANICAL AND ELECTRICAL CHARACTERISTICS	April, 2022	-	Identical under single numbering
64	IS 6077 (Part 1) : 1998 Reviewed In : 2020	Specification for permanent magnets: Part 1 general requirements and tests (First Revision)	February, 2020	-	Indigenous
65	IS/IEC 60862-1 : 2015 IS/IEC 60862-1: 2015 IS/IEC 60862-1: 2015	Surface acoustic wave SAW filters of assessed quality Part 1: Generic specification		-	Identical under single numbering
66	IS/IEC 60862-2 : 2002 Reviewed In : 2021 IEC 60862-2: 2002	Surface acoustic wave (SAW) filters of assessed quality: Part 2 guidance on use	November, 2021	-	Identical under single numbering
67	IS/IEC 60862-3 : 2003 Reviewed In : 2021 IEC 60862-3: 2003	Surface acoustic wave (SAW) filters of assessed quality: Part 3 standard outlines	November, 2021	-	Identical under single numbering
68	IS 6133 (Part 1) : 1971 Reviewed In : 2021	Specification for piezo - Electric filters for use in telecommunication and measuring equipment: Part 1 general requirements and tests	November, 2021	2	Indigenous
69	IS/IEC 62044-1 : 2002 IS/IEC 62044-1:2002 IS/IEC 62044-1:2002	Cores made of soft magnetic materials Measuring methods Part 1: Generic specification		-	Identical under single numbering
70	IS/IEC 62044-2 : 2005 IS/IEC 62044-2:2005 IS/IEC 62044-2:2005	Cores made of soft magnetic materials Measuring methods Part 2: Magnetic properties at low excitation level		-	Identical under single numbering
71	IS/IEC 62044-3 : 2000 IS/IEC 62044-3:2000 IS/IEC 62044-3:2000	Cores made of soft magnetic materials Measuring methods Part 3: Magnetic properties at high excitation level		-	Identical under single numbering

72	IS 6297 (Part 1) : 1971 Reviewed In : 2020	Specification for transformers and inductors (Power, Audio, Pulse And Switching) for electronic equipment: Part 1 general requirements and tests	February, 2020	4	Indigenous
73	IS 6297 (Part 2) : 1973 Reviewed In : 2020	Specification for transformers and ,inductors (Power, Audio, Pulse And Switching) for electronic equipment: Part 2 power transformers	February, 2020	-	Indigenous
74	IS 6297 (Part 3) : 1974 Reviewed In : 2020	Specification for transformers and inductors (Power, Audio, Pulse And Switching) for electronic equipment: Part 3 audio frequency transformers and chokes	February, 2020	-	Indigenous
75	IS 6297 (Part 4) : 1974 Reviewed In : 2020	Specification for transformers and inductors (Power, Audio, Pulse And Switching) for electronic equipment: Part 4 pulse and switching transformers	February, 2020	-	Indigenous
76	IS/IEC 63093-1 : 2020 IEC 63093: Part 1:2020 IEC 63093: Part 1:2020	Ferrite cores Guidelines on dimensions and the limits of surface irregularities Part 1: General specification		-	Identical under dual numbering
77	IS/IEC 63093-4 : 2019 IS/IEC 63093-4:2019 IS/IEC 63093-4:2019	Ferrite cores Guidelines on dimensions and the limits of surface irregularities Part 4: RM-cores		-	Identical under single numbering
78	IS/IEC 63093-5 : 2018 IEC 63093-5:2018 IEC 63093-5:2018	FERRITE CORES GUIDELINES ON DIMENSIONS AND THE LIMITS OF SURFACE IRREGULARITIES PART 5: EP-CORES AND ASSOCIATED PARTS FOR USE IN INDUCTORS AND TRANSFORMERS		-	Identical under single numbering
79	IS/IEC 63093-8 : 2018 IS/IEC 63093-8: 2018 IS/IEC 63093-8: 2018	Ferrite cores Guidelines on dimensions and the limits of surface irregularities Part 8: E-cores		-	Identical under single numbering
80	IS/IEC 63095-5 : 2018 IEC 63093-11:2018 IEC 63093-11:2018	FERRITE CORES GUIDELINES ON DIMENSIONS AND THE LIMITS OF SURFACE IRREGULARITIES PART 11: EC-CORES FOR USE IN POWER SUPPLY APPLICATIONS		-	Identical under single numbering
81	IS/IEC 63182-2 : 2020 IS/IEC 63182-2: 2020 IS/IEC 63182-2: 2020	Magnetic powder cores Guidelines on dimensions and the limits of surface irregularities Part 2: Ring-cores		-	Identical under single numbering
82	IS/QC 680100 :	Quartz crystal units - A	February, 2020	-	Identical under single

	1995 Reviewed In : 2020 IECQC 680100:1993	specification in the IEC quality assessmentsystem for electronic components (IECQ) - Secalspecification - Capability approval			numbering
83	IS/QC 680101 : 1995 Reviewed In : 2020 IECQC 680101:1993	Quartz crystal units - A specification in the IEC quality assessment system for electronic components (IECQ) - Blank detail specification - Capability approval	February, 2020	-	Identical under single numbering
84	IS 7527 : 1992 Reviewed In : 2015	Dimensions of loudspeaker magnets (First Revision)	March, 2015	-	Indigenous
85	IS 7616 : 2021 IEC 60205:2016 IEC 60205:2016	CALCULATION OF THE EFFECTIVE PARAMETERS OF MAGNETIC PIECE PARTS First Revision		-	Identical under dual numbering
86	IS 7957 (Part 1) : 2001 IEC 60444-1(1986) Reviewed In : 2022 IEC 60444-1(1986)	Measurement of quartz crystal unit parameters by zero phase technique in A p - Network: Part 1 basic method for the measurement of resonance frequency and resonance resistance of quartz crystal units by zero phase technique in a ? - Network (First Revision)	April, 2022	1	Identical under dual numbering
87	IS 8201 : 1976 Reviewed In : 2020	Specification for high frequency wideband matching transformer	February, 2020	-	Indigenous
88	IS 8271 (Part 2/Sec 9) : 1982 Reviewed In : 2015	Specification for 1 quartz crystal units used for frequency control and selection: Part 2 series AA for oscillators: Sec 9 quartz crystal unit type AA - 09		-	Indigenous
89	IS 8271 (Part 5/Sec 15) : 1990 Reviewed In : 2018	Quartz crystal units used for frequency control and selection - Specificaiton: Part 5 ser - Ies CX for oscillators: Sec 15 quartz crystal unit type CX - 15	December, 2018	-	Indigenous
90	IS 8271 (Part 6/Sec 5) : 1991 Reviewed In : 2018	Quartz crystal units used for frequency control and selection specification: Part 8 series BF for oscillators: Sec 5 quarp crystal unit type BF - 05	December, 2018	-	Indigenous
91	IS 8454 : 1977 Reviewed In : 2020 IEC 392-1972	Guide for drafting of performance specifications for gyromagnetic materials for use at microwave frequencies	February, 2020	-	Modified/Technically Equivalent
92	IS 8644 : 2001 IEC 60329(1985) Reviewed In : 2020 IEC 60329(1985)	Strip - Wound cut cores of grain oriented silicon - Iron alloy, used for electronic and telecommunication equipment (First Revision)	September, 2020	-	Identical under dual numbering
93	IS 8645 : 1977 Reviewed In : 2020	Dimensions of magnets for energy meters	February, 2020	-	Indigenous
94	IS 9018 (Part 1) : 2022 IEC 60679-1:2017 IEC 60679-1:2017	Piezoelectric dielectric and electrostatic oscillators of assessed quality Part 1: Generic specification		-	Identical under dual numbering
95	IS 9187 (Part 1) : 1979 Reviewed In : 2020	Specification for deflection coil units used with TV picture tubes: Part 1 general requirements and	February, 2020	1	Indigenous

		tests			
96	IS 9187 (Part 2) : 1980 Reviewed In : 2020	Specification for deflection coil units used with TV picture tubes: Part 2 type dcu is for 470 mm, 510 mm, 590 mm and 610 mm TV picture tubes	February, 2020	-	Indigenous
97	IS 9187 (Part 3) : 1980 Reviewed In : 2020	Specification for deflection coil units used with TV picture tubes: Part iii type dcu 1 h for 470 mm, 510 mm, 590 mm and 610 mm TV picture tubes	February, 2020	-	Indigenous
98	IS 9187 (Part 4) : 1980 Reviewed In : 2020	Specification for deflection coil up used with TV picture tubes: Part 4 type DCU2S for 310 mm and 340 mm picture tubes	February, 2020	-	Indigenous
99	IS 9187 (Part 5) : 1998 Reviewed In : 2020	Specification for deflection coil units used with TV picture tubes: Part 5 deflection coil units for colour picture tubes	February, 2020	-	Indigenous
100	IS 9205 (Part 1) : 2022 IEC 60539-1:2016 IEC 60539-1:2016	Directly heated negative temperature coefficient thermistors Part 1: Generic specification		-	Identical under dual numbering
101	IS 9229 : 1979 Reviewed In : 2020	Specification for inductors for electromagnetic interference suppression	February, 2020	-	Indigenous
102	IS 9333 : 2009 Reviewed In : 2022 IEC 60732: 1982	Measuring Methods for Cylinder Cores, Tube Cores and Screw Cores of Magnetic Oxides	April, 2022	-	Modified/Technically Equivalent
103	IS 9344 : 1979 Reviewed In : 2020 IEC 60635 : 1978	Dimensions of toroidal strip - Wound cores of magnetically soft material	February, 2020	2	Modified/Technically Equivalent
104	IS 9652 : 1980 Reviewed In : 2020 IEC 647 : 1979	Dimensions for magnetic oxide cores and associated coil formers for use in power supplies (Ec - Cores)	February, 2020	-	Modified/Technically Equivalent
105	IS 9728 : 1981 IEC 494-2 Reviewed In : 2020	Specification for phase offset method for measurement of motional capacitance of quartz crystal units	February, 2020	-	Indigenous
106	IS 9819 (Part 1) : 1981 Reviewed In : 2020	Specification for line output transformers (Eht) used with TV picture tubes: Part 1 general requirements and tests	November, 2020	-	Indigenous
107	IS 9819 (Part 2) : 1982 Reviewed In : 2020	Specification for line output transformers used with TV picture tubes: Part ii type lot 1s for 470 mm, 510 mm, 590 mm and 610 mm TV picture tubes	May, 2020	-	Indigenous
108	IS 9819 (Part 3) : 1982 Reviewed In : 2020	Specification for line output transformers (Eht) used with TV picture tubes: Part 3 type lot 1h for 470 mm, 510 mm, 590 mm and 610 mm TV picture tubes	September, 2020	-	Indigenous
109	IS 9819 (Part 4) : 1984 Reviewed In : 2020	Specification for line output transformer (Eht) used with TV picture tubes: Part 4 type lot 2s for 310 mm and 340 mm TV picture tubes	August, 2020	-	Indigenous

110	IS 9819 (Part 5) : 1989 Reviewed In : 2020	Specification for line output transformers (Eht) Used with TV - Picture tubes: Part 5 lot for colour picture tubes	February, 2020	-	Indigenous
111	IS 9946 : 1981 Reviewed In : 2018	Tests for magnetic properties of ferrite aerial rods	December, 2018	-	Indigenous

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
No Records Found		

Total Published Standards:111 Total Standards Under development:0

Aspect Wise Report

Product : 78
Code of Practices : 7
Methods of Test : 10
Terminology : 3
Dimensions : 11
System Standard : 0
Safety Standard : 0
Others : 2
Service Specification : 0
Process Specification : 0
Unclassified : 0

Annexure-I :List of Indian Standards Withdrawn/Superseded

SI. No.	IS No. & Year	Title
1	IS 10076 (Part 1) : 1981 Reviewed In : 2020	Specification for linearity control units used with TV picture tubes Part 1 general requirements and tests
2	IS 10087 : 1981 Reviewed In : 2015 IEC 47 (CO) 701	Code of practice for handling of electrostatic sensit4e devices
3	IS 10922 : 1984 IEC 249-3A(1976) Reviewed In : 2016 IEC 249-3A(1976)	Specification for copper foil for use in the manufacture of copper - Clad base material
4	IS 11392 (Part 2/Sec 2) : 1988 Reviewed In : 2020	Dimensions of mounting accessories of pot cores for printed circuit board mountings Part 2 pot cores of size 26 x 16 mm Sec 2 type 2
5	IS 11794 (Part 1) : 1986 Reviewed In : 2019 IEC 60740- 1982	Specification for laminations for transformers and inductors for use in telecommunication and electronic equipment Part 1 general requirements and tests
6	IS 11794 (Part 2/Sec 1) : 1986 Reviewed In : 2019 IEC 60740-1:2005	Specification for laminations for transformers and inductors for use in telecommunication and electronic equipment Part 2 preferred ranges of laminations Sec 1 lamination type yei - I
7	IS 11794 (Part 2/Sec 2) : 1986 Reviewed In : 2019 IEC 60740-1:2005	Specification for laminations for transformers and inductors for use in telecommunication and electronic equipment Part 2 preferred ranges of laminations Sec 2 lamination type yex - 2
8	IS 11794 (Part 2/Sec 3) : 1986 Reviewed In : 2019 IEC 60740-1:2005	Specification for laminations for transformers and inductors for use in telecommunication and electronic equipment Part 2 preferred ranges of laminations Sec 3 lamination type yed - 2
9	IS 11794 (Part 2/Sec 4) : 1986 Reviewed In : 2019 IEC 60740-1:2005	Specification for laminations for transformers and inductors for use in telecommunication and electronic equipment Part 2 preferred ranges of laminations Sec 4 lamination type yex - 3
10	IS 11794 (Part 2/Sec 5) : 1986 Reviewed In : 2019 IEC 60740-1:2005	Specification for laminations for transformers and inductors for use in telecommunication and electronic equipment Part 2 preferred ranges of laminations Sec 5 lamination type yex - 4
11	IS 11794 (Part 2/Sec 6) : 1986 Reviewed In : 2019 IEC 60740-1:2005	Specification for laminations for transformers and inductors for use in telecommunication and electronic equipment Part 2 preferred ranges of laminations Sec 6 lamination type yui - 1
12	IS 11794 (Part 2/Sec 7) : 1986 Reviewed In : 2019 IEC 60740-1:2005	Specification for laminations for transformers and inductors for use in telecommunication and electronic equiPment Part 2 preferred ranges of laminations Sec 7 lamination type ym - 1
13	IS 13310 : 1992 Reviewed In : 2018 IEC 51 (SECTT)294	Dimensions of e - Cores with rectangular cross - Sec made of magnetic oxides intended for general applications
14	IS 13388 (Part 1) : 1992 Reviewed In : 2018	Performance Requirements and Methods of Tests of TV Ferrite Components - Part 1 U Core for Line Output Transformers
15	IS 13388 (Part 2) : 1992 Reviewed In : 2018	Performance requirements and methods of tests of TV ferrite components Part 2 u core for line dr4er transformers
16	IS 13388 (Part 3) : 1992 Reviewed In : 2018	Performance requirements and methods of tests of TV ferrite components Part 3 core for deflection coil
17	IS 14498 : 1998 Reviewed In : 2020 IEC 61596 : 1995	EP - Cores made of magnetic oxides and associated Parts - Dimensions
18	IS 15867 (Part 1) : 2010 IEC 60938-1:2006 Reviewed In : 2018 IEC	Ferrite cores guide on the limits of surface irregularities Part 1 general specification

	60938-1:2006	
19	IS 1885 (Part 12) : 1966 Reviewed In : 2014 IEC 60125 : 1961	Electrotechnical vocabulary Part 12 ferromagnetic oxide materials
20	IS/QC 250000 : 1988 IECQC 250000 (1982) Reviewed In : 2015 IECQC 250000 (1982)	Inductor and transformer cores for telecommunications generic specification
21	IS/QC 250100 : 1988 Reviewed In : 2015 IECQC 250100 (1982)	Inductor and transformer cores for telecommunications Sectional specification magnetic oxide cores for inductor applications
22	IS/QC 250101 : 1988 Reviewed In : 2015 IECQC 250101 (1983)	Inductor and transformer cores for telecommunications blank detail specification magnetic oxide cores for inductor applications assessmet level A
23	IS/QC 250200 : 1988 Reviewed In : 2015 IECQC 250200 (1985)	Inductor and transformer cores for telecommunications Sectional specification magnetic oxide cores for broad - Band transformers
24	IS/QC 250201 : 1988 Reviewed In : 2015 IECQC 250201 & 2-85	Inductor and transformer cores for telecommunications blank detail specification magnetic oxide cores for broad - Band transformers assessment levels a and b
25	IS/QC 250300 : 1988 Reviewed In : 2015 IEQC 250300 : 1988	Inductor and transformer cores for telecommunications Secal specification magnetic oxide cores for transformers and chokes for power applications
26	IS/QC 250301 : 1988 Reviewed In : 2015 IECQC 250301 (1987)	Inductor and transformer cores for telecommunications blank detail specification magnetic oxide cores for transformers and chokes for power applications assessment level a
27	IS 4570 (Part 1) : 1983 IEC 122-3 Reviewed In : 2015	Specification for crystal unit holders Part 9 general requirements and tests First Revision
28	IS 4570 (Part 2) : 1999 Reviewed In : 2015 IEC 60122-3:2010	Specification for crystal unit holders Part 2 metal solder - Sealed two pin crystal unit holders types AA and AB First Revision
29	IS 4570 (Part 3) : 1984 Reviewed In : 2015 IEC 60122-3:2010	Specification for crystal unit holders Part 3 tube type crystal unit holders Glass types AP AR AS AT and AU
30	IS 4570 (Part 4) : 1999 Reviewed In : 2015 IEC 60122-3:2010	Specification for crystal unit holders Part 4 metal solder - Sealed two pin crystal unit holders types BC and BC 1 First Revision
31	IS 4570 (Part 6) : 1999 Reviewed In : 2015 IEC 60122-3:2010	Specification for crystal unit holders Part 6 metal solder - Sealed two pin crystal unit holders type CX First Revision
32	IS 4570 (Part 7) : 1985 IEC 122-3 Reviewed In : 2015	Crystal unit holders Part 7 Microminiature metal solder seal two-wire crystal unit holder type DJ
33	IS 4570 (Part 8) : 1999 Reviewed In : 2015 IEC 60122-3:2010	Specification for crystal unit holders Part 8 metal welded three wire crystal unit holders type DK First Revision
34	IS 4570 (Part 10) : 1999 Reviewed In : 2015 IEC 60122-3:2010	Crystal unlt holders - Specificaiton Part 10 metal welded two - Pin crystal unit holders types DP and EH First Revision
35	IS 4570 (Part 11) : 1999 Reviewed In : 2015 IEC 60122-3:2010	Specification for crystal unit holders Part 11 metal welded two - Pin crystal unit holder type DQ First Revision
36	IS 4570 (Part 12) : 1989 Reviewed In : 2015 IEC 60122-3:2010	Specification for crystal unit holders Part 12 microminiature metal cold - Welded two - Wire crystal unit holder type EB
37	IS 4570 (Part 13/Sec 1) : 1993 Reviewed In : 2015	Crystal unit holders - Specificaiton Part 13 quartz crystal unit holder outline for automatic handling Sec 1 metal sealed two pin crystal unit holder type CU 01

38	IS 4570 (Part 13/Sec 2) : 1993 Reviewed In : 2015	Crystal unit holders - Specificaiton Part 13 quartz crystal unit holder outline for automatic handling Sec 2 metal sealed two pin crystal unit holder type CU 02
39	IS 4570 (Part 13/Sec 3) : 1993 Reviewed In : 2015	Crystal unit holders - Specificaiton Part 13 quartz crygtal unit holder outline for automatic handling Sec 3 metal sealed two pin crystal unit holder type CU 03
40	IS 4570 (Part 13/Sec 4) : 1993 Reviewed In : 2015	Crystal unit holders - Specificaiton Part 13 quartz crystal unit holder outline for automatic handling Sec 4 metal sealed two pin crystal unit holder type CU 04
41	IS 4570 (Part 13/Sec 5) : 1993 Reviewed In : 2015	Crystal unit holders - Specificaiton Part 13 quartz crystal unit holder outline for automatic handling Sec 5 metal sealed two pin crystal unit holder type CU 05
42	IS 5575 (Part 1) : 1970 Reviewed In : 2015	Specification for temperature control devices For quartz crystal units Heating Type Part 1 general requirements and tests
43	IS 5575 (Part 2) : 1978 Reviewed In : 2015	Specification for temperature control devices for quartz crystal units Heating Type Part 2 pin connections and bases
44	IS 6235 : 1992 Reviewed In : 2015 IEC 133 (1985)	Dimensions of pot - Cores made of magnetic oxides and associated Parts First Revision
45	IS 6537 : 1972 Reviewed In : 2015 IEC (CO 48)	Guide to the use of temperature control devices for crystal units
46	IS/QC 680000 : 1995 Reviewed In : 2020 IECQC 680000:1993	Quartz crystal units - A specification in the IEC quality assessment system for electronic components IECQ - Generic specification
47	IS 7410 (Part 1) : 1974 IEC 368-1971 Reviewed In : 2020 | IEC 368: 1971	Guide to the use of piezoelectric filters Part 1 quartz crystal filters
48	IS 7410 (Part 2) : 1974 IEC 368-1971 Reviewed In : 2020 | IEC 368: 1971	Guide to the use of piezoelectric filters Part 2 piezoelectric ceramic filters
49	IS 7416 (Part 1) : 1986 Reviewed In : 2020	Dimensions for TV ferrite components Part 1 cores for deflection coil First Revision
50	IS 7416 (Part 2) : 1991 Reviewed In : 2020	Dimensions of TV ferrite components Part 2 ferrite prod for linearity control unit First Revision
51	IS 7416 (Part 3) : 1976 Reviewed In : 2020	Dimensions for TV ferrite components Part 3 tuning magnet for linearity control unit
52	IS 7416 (Part 4) : 1991 Reviewed In : 2014	Dimensionsfor TVferritecomponents Part 4 ring magnet for linearity control unit First Revision
53	IS 7416 (Part 5) : 1976 Reviewed In : 2020	Dimensions for TV ferrite components Part 5 segment magnet for linearity control unit
54	IS 7416 (Part 6) : 1987 Reviewed In : 2014	Dimensions for TV ferrite components Part 6 beam centring magnet for deflection coil First Revision
55	IS 7416 (Part 7) : 1976 Reviewed In : 2020	Dimensions for TV ferrite components Part 7 pin cushion correction magnet for deflection coil
56	IS 7416 (Part 8) : 1985 Reviewed In : 2020	Dimensions for television ferrite components Part 8 U and U core assembly for line output transformer First Revision
57	IS 7416 (Part 10) : 1987 Reviewed In : 2014	Dimensions for TV fer - rite components Part 10 corner correction magnet First Revision
58	IS 7416 (Part 11) : 1976 Reviewed In : 2020	Dimensions for TV ferrite components Part 11 balun core
59	IS 7416 (Part 12) : 1984 Reviewed In : 2020	Dimensions for TV ferrite components Part 12 U core for line dr4er transformer
60	IS 7430 : 1974 Reviewed In : 2015 | IEC 221A (1972)	Dimensions of screw cores made of ferromagnetic oxides
61	IS 7687 : 1980	Methods of measurement for cores for inductors and transformers for telecommunications

	IEC 367-1 Reviewed In : 2015	
62	IS 7930 : 1976 Reviewed In : 2015 IEC 51 (CO)157	Dimensions of toroids made of magnetic oxides or iron powder
63	IS 7934 : 1981 Reviewed In : 2015 IEC 431 : 1973	Dimensions of square cores made of magnetic oxides and associated Parts First Revision
64	IS 7957 : 1976 IEC 60444-1(1986) Reviewed In : 2022 IEC 60444-1(1986)	Basic method for the measurement of resonance frequency and equ4alent series resistance of quartz crystal units by zero phase technique in a - Network
65	IS 7962 : 1975 IEC 302 Reviewed In : 2015	Methods of measurement for piezoelectric vibrators operating over the frequency range up to 30 MHz
66	IS 8011 : 1976 IEC 283 Reviewed In : 2015	Metrods for measurement of frequency and equ4alent resistance of unwanted resonances of filter crystal units
67	IS 8271 (Part 1) : 1981 IEC 122 Reviewed In : 2020	Specification for quartz crystal units used for frequency control and selection Part 1 general requirements and tests First Revision
68	IS 8271 (Part 2/Sec 1) : 1981 Reviewed In : 2020	Specification for quartz crystal units used in oscillators Part 2 series AA Sec 1 quartz crystal unit type AA - 01
69	IS 8271 (Part 2/Sec 2) : 1981 Reviewed In : 2020	Specification for quartz crystal units use - D in oscillators Part 11 series AA Sec 2 quartz crystal unit type AA - 02
70	IS 8271 (Part 2/Sec 3) : 1981 Reviewed In : 2020	Specification for quartz crystal units used in oscillators Part 2 series AA Sec 3 quartz crystal unit type AA - 03
71	IS 8271 (Part 2/Sec 4) : 1981 Reviewed In : 2020	Specification for quartz crystal units used in oscillators Part 2 series AA Sec 4 quartz crystal unit type AA - 04
72	IS 8271 (Part 2/Sec 5) : 1981 Reviewed In : 2020	Specification for quartz crystal units used in oscillators Part 2 series AA Sec 5 quartz crystal unit type AA - 05
73	IS 8271 (Part 2/Sec 6) : 1981 Reviewed In : 2020	Specification for quartz crystal units used in oscillators Part 2 series AA Sec 6 quartz crystal unit type AA - 06
74	IS 8271 (Part 2/Sec 7) : 1982 Reviewed In : 2015	Specification for 1 quartz crystal units used for frequency control and selection Part 2 series AA for oscillators Sec 7 quartz crystal unit type BC - 07
75	IS 8271 (Part 2/Sec 8) : 1982 Reviewed In : 2015	Specification for quartz crystal units used for frequency control and selection Part 2 series AA for oscillators Sec 8 quartz crystal unit type AA - 08
76	IS 8271 (Part 2/Sec 10) : 1984 Reviewed In : 2015	Specification for 1 quartz crystal units used for frequency control and selection Part 2 series AA for oscillators Sec 10 quartz crystal unit type AA - 10
77	IS 8271 (Part 2/Sec 11) : 1984 Reviewed In : 2015	Specification for quartz crystal units used for frequency control and selection Part 2 series AA for oscillators Sec 11 quartz crystal unit type AA - 11
78	IS 8271 (Part 2/Sec 12) : 1984 Reviewed In : 2015	Specification for quartz crystal units used for frequency control and selection Part 2 series AA for oscillators Sec 12 quartz crystal unit type AA - 12
79	IS 8271 (Part 2/Sec 13) : 1984 Reviewed In : 2015	Specification for quartz crystal units used for frequency control and selection Part 2 series AA for oscillators Sec 13 quartz crystal unit type AA - 13
80	IS 8271 (Part 2/Sec 14) : 1984	Specification for 1 quartz crystal units used for frequency control and selection Part 2 series AA for oscillators Sec 14 quartz crystal unit type AA - 14

	Reviewed In : 2015	
81	IS 8271 (Part 2/Sec 15) : 1985 Reviewed In : 2015	Specification for quartz crystal units used for frequency control and selection Part 2 series AA for oscillators Sec 15 quartz crystal unit type AA - 1 5
82	IS 8271 (Part 2/Sec 16) : 1985 Reviewed In : 2020	Specification for quartz crystal units used for frequency control and selection Part 2 series AA for oscillators Sec 16 quartz crystal unit type AA - 16
83	IS 8271 (Part 2/Sec 17) : 1985 Reviewed In : 2020	Specification for 1 quartz crystal units used for frequency control and selection Part 2 series AA for oscillators Sec 17 quartz crystal unit type AA - L 7
84	IS 8271 (Part 2/Sec 18) : 1985 Reviewed In : 2020	Specification for quartz crystal units used for frequency control and selection Part 2 series AA for oscillators Sec 18 quartz crystal unit type AA - 18
85	IS 8271 (Part 2/Sec 19) : 1985 Reviewed In : 2020	SpeciFication for quartz crystal units used for frequency control and selection Part 2 series AA for oscillator Sec 19 quartz crystal unit type AA - 19
86	IS 8271 (Part 2/Sec 20) : 1985 Reviewed In : 2020	Specification for quartz crystal units used for frequency control and selection Part 2 series AA for oscillators Sec 20 quartz crystal unit type AA - 20
87	IS 8271 (Part 2/Sec 21) : 1985 Reviewed In : 2020	Specification for quartz crystal units used for frequency control and selection Part 2 series AA for oscillators Sec 21 quartz crystal unit type AA - 21
88	IS 8271 (Part 2/Sec 22) : 1985 Reviewed In : 2020	Specification for quartz crystal units used for frequency control and selection Part 2 series AA for oscillators Sec 22 quartz crystal unit type AA - 22
89	IS 8271 (Part 3/Sec 1) : 1982 Reviewed In : 2015	Specification for quartz crystal units used for frequency control and selection Part 3 series BC for oscillators Sec 1 quartz crystal unit type BC - 01
90	IS 8271 (Part 3/Sec 2) : 1982 Reviewed In : 2015	Specification for quartz crystal units used for frequency control and selection Part 3 series BC for oscillators Sec 2 quartz crystal unit type BC - 02
91	IS 8271 (Part 3/Sec 3) : 1982 Reviewed In : 2018	SpeclFlCatlOn for 1 quartz crystal units used for frequency control and selection Part 3 series BC for oscillators Sec 3 quartz crystal unit type BC - 03
92	IS 8271 (Part 3/Sec 4) : 1982 Reviewed In : 2015	Specification for quartz crystal units used for frequency control and selection Part 3 series BC for oscillators Sec 4 quartz crystal unit type BC - 04
93	IS 8271 (Part 3/Sec 5) : 1982 Reviewed In : 2015	Specification for 1 quartz crystal units used for frequency control and selection Part 3 series BC for oscillators Sec 5 quartz crystal unit type BC - 05
94	IS 8271 (Part 3/Sec 6) : 1982 Reviewed In : 2015	Specification for quartz crystal units used in oscillators Part 3 series BC Sec 6 quartz crystal unit type BC - 06
95	IS 8271 (Part 3/Sec 7) : 1982 Reviewed In : 2015	SpeclFlCatlOn for quartz crystal units used in oscillators Part 3 series BC Sec 7 quartz crystal unit type BC - 07
96	IS 8271 (Part 3/Sec 8) : 1982 Reviewed In : 2015	Specification for quartz crystal units used for frequency control and selection Part 3 series BC for oscillators Sec 8 quartz crystal unit type BC - 08
97	IS 8271 (Part 3/Sec 9) : 1982 Reviewed In : 2015	Specification for 1 quartz crystal units used for frequency control and selection Part 3 series BC for oscillators Sec 9 quartz crystal unit type BC - 09
98	IS 8271 (Part 4/Sec 1) : 1983 Reviewed In : 2015	Specification for quartz crystal units used for frequency control and selection Part 4 series AB for oscillators Sec 1 quartz crystal unit type AB - 01
99	IS 8271 (Part 4/Sec 2) : 1983 Reviewed In : 2015	Specification for quartz crystal units used for frequency control and selection Part 4 series AB for oscillators Sec 2 quartz crystal unit type AB - 02
100	IS 8271 (Part 4/Sec 3) :	Specification for quartz crystal units used for frequency control and selecti - On Part 4 series AB

	1984 Reviewed In : 2015	for oscillators Sec 3 quartz crystal unit type AB - 03
101	IS 8271 (Part 4/Sec 4) : 1984 Reviewed In : 2015	Specification for quartz crystal units used for frequency control and selection Part 4 series a6 for oscillators Sec 4 quartz crystal unit type AB - 04
102	IS 8271 (Part 5/Sec 1) : 1986 Reviewed In : 2015	Specification for quartz crystal units used for frequency control and selection Part 5 series CX for oscillators Sec 1 quartz crystal unit type CX - 01
103	IS 8271 (Part 5/Sec 2) : 1986 Reviewed In : 2015	Specification for quartz crystal units used for frequency control and selection Part 5 series CX for oscillators Sec 2 quartz crystal unit type CX - 02
104	IS 8271 (Part 5/Sec 3) : 1986 Reviewed In : 2015	Specification for quartz crystal units used for frequency control and selection Part 5 series CX for oscillators Sec 3 quartz crystal unit type CX - 03
105	IS 8271 (Part 5/Sec 4) : 1986 Reviewed In : 2015	Specification for quartz crystal units used for frequency control and selection Part 5 series CX for oscillators Sec 4 quartz crystal unit type CX - 04
106	IS 8271 (Part 5/Sec 5) : 1986 Reviewed In : 2015	Specification for quartz crystal units used for frequency control and selection Part 5 series CX for oscillator Sec 5 quartz crystal unit type CX - 05
107	IS 8271 (Part 5/Sec 6) : 1988 Reviewed In : 2015	Specification for quarw crystal units used for frequency control and selection Part 5 series CX for oscillators Sec 6 quartz crystal unit type CX - 06
108	IS 8271 (Part 5/Sec 7) : 1989 Reviewed In : 2015	Specification for quartz crystal units used for frequency control and selection Part 5 series CX - For osclLiAtors Sec 7 quartz crystal unit type CX - 07
109	IS 8271 (Part 5/Sec 8) : 1989 Reviewed In : 2018	Quartz crystal units used for frequency control and selection - Specificaiton Part 5 series CX for oscillators Sec 8 quartz crystal unit type CX - 08
110	IS 8271 (Part 5/Sec 9) : 1989 Reviewed In : 2018	Specification for quartz crystal units used for frequency control and selection Part 5 series CX for oscillators Sec 9 quartz crystal type CX - 09
111	IS 8271 (Part 5/Sec 10) : 1989 Reviewed In : 2018	Quartz crystal units used for frequencycontrol and selection - Specificaiton Part 5 series CX for oscillators Sec 10 quartz crystal unit type CX - 10
112	IS 8271 (Part 5/Sec 11) : 1990 Reviewed In : 2018	Quartz crystal units used for frequency control and selection specification Part 5 series CX for oscillators Sec 11 quartz crystal unit type CX - 11
113	IS 8271 (Part 5/Sec 12) : 1990 Reviewed In : 2018	Quartz crystal units used for frequency control and selection - Specificaiton Part 5 series CX for oscillators Sec 12 quartz crystal unit type CX - 12
114	IS 8271 (Part 5/Sec 13) : 1990 Reviewed In : 2018	Quartz crystal units used for frequency control and selection - Specificaiton Part 5 series CX for oscillators Sec 13 quartz crystal unit type CX - 13
115	IS 8271 (Part 5/Sec 14) : 1990 Reviewed In : 2015	Quartz crystal units used for frequency control and selection - Specificaiton Part 5 series CX for oscillators Sec 14 quartz crystal unit type CX - 14
116	IS 8271 (Part 5/Sec 16) : 1990 Reviewed In : 2018	Quartz crystal units used for frequency control and selection specification Part 5 series CX for oscillators Sec 16 quarti crystal unit type CX - 16
117	IS 8271 (Part 5/Sec 17) : 1990 Reviewed In : 2018	Quartz crystal units frequency control and used for selection specification Part 5 series CX for oscillators Sec 17 quartz crystal unit type CX - 17
118	IS 8271 (Part 6/Sec 1) : 1986 Reviewed In : 2018	Specification for quartz crystal units used for frequency control and selection Part 6 series BF - 01 for oscillators Sec 1 quartz crystal unit type BF - 01
119	IS 8271 (Part 6/Sec 2) : 1986 Reviewed In : 2018	Specification for quartz crystal units used for frequency control and selection Part 6 series BF for oscillators Sec 2 quartz crystal unit type BF - 02

120	IS 8271 (Part 6/Sec 3) : 1988 Reviewed In : 2018	Specification for quartz crystal units used for frequency control and selection Part 6 serles BF for oscillators Sec 3 quartz crystal unit type BF - 03
121	IS 8271 (Part 6/Sec 4) : 1988 Reviewed In : 2018	Specification for quartz crystal units used for frequency control and selection Part 6 series BF for oscillators Sec 4 quartz crystal unit type BF - 04
122	IS 8271 (Part 6/Sec 6) : 1991 Reviewed In : 2018	Quartz crystal units used for frequency control and selection specification Part 6 series BF for oscillators swctien 6 quartz crystal unit type BF - 06
123	IS 8322 : 1976 Reviewed In : 2020 IEC 367-2(1974)	Guide for drafting of performance specifications for cores of transformers and inductors for telecommunication
124	IS 8426 (Part 1) : 1977 IEC 556 Reviewed In : 2019 IEC documents 51 (C.0.) 164 and 51 (Sectt) 140	Methods of measurements for properties of gyromagnetic materials for use at microwave frequencies Part 1 magnetization
125	IS 8426 (Part 2) : 1977 IEC 556 Reviewed In : 2019 IEC Document 51 (C.O.) 164 and 51 (Sectt) 140	Methods of measurements for properties of gyromagnetic materials for use at microwave frequencies Part 2 resonance linewidth
126	IS 8426 (Part 3) : 1977 IEC 556 Reviewed In : 2019 IEC Document 51 (C.O.) 164 and 51 (Sectt) 140	Method of measurements for properties of gyromagnetic materials for use at microwave frequencies Part 3 permitt4ity apparent density and curie temperature
127	IS 9018 : 1978 Reviewed In : 2021	General requirements and tests for quartz crystal oscillators
128	IS 9653 : 1980 Reviewed In : 2018 IEC 220 (1966)	Tolerances on dimensions of tubes pins and rods of magnetic oxides
129	IS 9654 : 1993 Reviewed In : 2019 IEC 60401 (1993)	Information on ferrite materials to be supplied by manufacturers of transformers and inductor cores First Revision

Annexure-II :List of Indian Product Standards

SI. No.	IS No. & Year	Title
1	IS 10230 (Part 1) : 1982 Reviewed In : 2020	Specification for if and RF transformers inductors Coils and Part 1 general requirements and tests
2	IS 10337 : 1982 IEC 689 Reviewed In : 2018	32 768 Khz Quartz Crystal Units for Wrist Watches
3	IS 10488 (Part 1) : 1983 Reviewed In : 2020	Specification for frame output transformers used with television picture tubes Part 1 general requirements and tests
4	IS 10488 (Part 2) : 1983 Reviewed In : 2020	Specification for frame output transformers used with television picture tubes Part 2 type fot ih for 470 510 590 and 610 mm television picture tubes
5	IS 11013 : 1984 Reviewed In : 2018	Specification for piezoelectric ceramic elements Impact Type And Squeeze Type for gas lighters
6	IS 11014 (Part 1) : 1984 Reviewed In : 2018	Specification for piezoelectric ceramic materials Part 1 general aspects and methods of measurements
7	IS 11014 (Part 2) : 1984 Reviewed In : 2018	Specification for piezoelectric ceramic materials Part 2 types 1 and 5
8	IS 11014 (Part 3) : 1985 Reviewed In : 2018	Specification for piezoelectric ceramic materials Part 3 types 4 and 8
9	IS 11014 (Part 4) : 1989 Reviewed In : 2018	Specification for piezoelectric ceramic materials Part 4 type 5 H
10	IS 11455 (Part 1/Sec 1) :	Outl4e dimlWyons of transformers and inductors for use in telecommunication and electronic

	1985 Reviewed In : 2020 IEC 60852-1:1986	equipment Part 1 transformers and inibUctors using yei - Laminations Sec 1 un4ersal mounting
11	IS 11455 (Part 1/Sec 2) : 1986 Reviewed In : 2020 IEC 60852-1:1986	Outline dimensions of transformers and inductors for use in telecommunicalIon and electronic equipment Part 1 transformers and inuuctors using yei - Laminations Sec 2 u - Clamp mounting
12	IS 11455 (Part 1/Sec 3) : 1985 Reviewed In : 2020 IEC 60852-1:1986	Outline dimensions of transformers and inductors for use in telecommunication and electronic equipment Part 1 transformers and inductors using yei - Laminations Sec 3 printed wiring board mounting
13	IS 11455 (Part 2) : 1988 Reviewed In : 2020 IEC 60852 -2 (1992)	Outline dimensions of transformers and inductors for use in telecommunication and electronic equipment Part 2 transformers and inductors using yex - 2 laminations for printed circuit board mounting
14	IS 11455 (Part 3) : 2001 IEC 60852-3(1992) Reviewed In : 2020 IEC 60852-3(1992)	Outline dimensions of transformers and inductors for use in telecommunication and electronic equipment Part 3 transformers and inductors using yui - I laminations First Revision
15	IS 11455 (Part 4) : 1992 Reviewed In : 2020 IEC 60852-5 (1994)	Outline dimensions of transformers and inductors for use in telecommunication and electronic equipment Part 4 transformers and inductors using Q - Series of c - Cores
16	IS 11514 : 1985 Reviewed In : 2020	Specification for plezoelectric ceramic cartridge for impact type electronic gas lighters
17	IS 11519 : 1985 Reviewed In : 2018	Specification for piezoelectric ceramic cartridge for squeeze type electronic gas lighters
18	IS 11880 : 1986 Reviewed In : 2019	Specification for piezoelectric ceramic trilaminate elements used in phonograph pick - Ups ultrasonic transducers and similar devices
19	IS 12825 : 1989 Reviewed In : 2018	Piezoelectric ceramic elements for electronic buzzers - Specificaiton
20	IS 13412 (Part 1) : 1992 Reviewed In : 2021 IEC 1021-1 (1990)	Laminated core packages for transformers and inductors used in telecommunication and electronic equipment Part 1 dimensions
21	IS 13412 (Part 2) : 1998 Reviewed In : 2018 IEC 1021-2 (1995)	Specificationforlaminated corepackagesfortransformersand inductorsusedintelecommunication andelectronicequipment Part 2 electrical characteristics
22	IS 13413 (Part 1) : 2023 IEC 61797-1: 1996	Transformers and inductors for use in telecommunication and electronic equipment - Main dimensions of coil formers - Part 1 Coil formers for laminated cores
23	IS 14870 : 2000 Reviewed In : 2020 IEC 61007:1994	Transformers and inductors for use in electronic and telecommunication equipment - Measuring methods and test procedures
24	IS 15544 : 2004 IEC 61080: 1991 Reviewed In : 2022 IEC 61080: 1991	Guide to the measurement of equivalent electrical parameters of quartz crystal units
25	IS/QC 260000 : 2000 Reviewed In : 2020 IECQC 260000(1996)	Transformers and inductors for use in electronic and telecommunication equipment Part 1 generic specification
26	IS/QC 260100 : 1998 Reviewed In : 2020 IECQC 260100 (1996)	Transformers and inductors for use in electronic and telecommunication equipment Part 2 Secal specification for signal transformers on the basis of capABility approval procedure
27	IS/QC 260200 : 1999 Reviewed In : 2020 IECQC 260200(1996)	Transformers and inductors for use in electronic and telecommunication equipment Part 3 Secal specification for power transformers onthe basis of capABility approval procedure
28	IS/QC 260300 : 2000 Reviewed In : 2020 IECQC 260300 (1996)	Transformers and inductors for use in electronic and telecommunication equipment Part 4 Secal specification for power transformers for switched mode power supplies Smps on the basis of capABility approval procedure
29	IS/QC 260400 : 2000 Reviewed In : 2020 IECQC	Transformers and inductors for use in electronic and telecommunication equipment Part 5 Secal specification for pulse transformers on the basis of capABility approval procedure

	260400 (1996)	
30	IS/QC 260500 : 2000 Reviewed In : 2020 IECQC 260500(1996)	Transformers and inductors for use in electronic and telecommunication equipment Part 6 Secal specification for inductors on the basis of capABility approval procedure
31	IS 2935 : 2022 IEC 60122-2:1983 ISO 15883-4:2018	Quartz crystal units for frequency control and selection Part 2 Guide to the use of quartz crystal units for frequency control and selection
32	IS/IEC 60122-1 : 2017 IEC 60122-1:2002+AMD1: 2017CSV ISO/IEC 14543-3-3:2007	Quartz Crystal Units of Assessed Quality Part 1 Generic Specification
33	IS/IEC 60122-3 : 2010 IEC 60122-3:2010	QUARTZ CRYSTAL UNITS OF ASSESSED QUALITY PART 3 STANDARD OUTLINES AND LEAD CONNECTIONS
34	IS/IEC 60122-4 : 2019 IS/IEC 60122-4:2019	Quartz crystal units of assessed quality Part 4 Crystal units with thermistors
35	IS/IEC 60368-2-1) : 1988 IEC 60368-2-1:1988	Piezoelectric filters Part 2 Guide to the use of piezoelectric filters Section One Quartz crystal filters
36	IS/IEC 60368-2-2) : 1996 IEC 60368-2-2: 1996	Piezoelectric filters Part 2 Guide to the use of piezoelectric filters Section 2 Piezoelectric ceramic filters
37	IS/IEC 60401-3 : 2015 IS/IEC 60401-3:2015	Terms and nomenclature for cores made of magnetically soft ferrites Part 3 Guidelines on the format of data appearing in manufacturers catalogues of transformer and inductor cores
38	IS/IEC 60444-9 : 2022 IS/IEC 60444-9:2007	Measurement of quartz crystal unit parameters Part 9 Measurement of spurious resonances of piezoelectric crystal units
39	IS/IEC 60556 : 2016 IEC 60556:2006	Gyromagnetic materials intended for application at microwave frequencies Measuring methods for properties
40	IS/IEC 60740-1 : 2005 IEC 60740-1:2005 Reviewed In : 2022 IS/ISO/IEC TR 24368:2022	LAMINATIONS FOR TRANSFORMERS AND INDUCTORS PART 1 MECHANICAL AND ELECTRICAL CHARACTERISTICS
41	IS 6077 (Part 1) : 1998 Reviewed In : 2020	Specification for permanent magnets Part 1 general requirements and tests First Revision
42	IS/IEC 60862-1 : 2015 IS/IEC 60862-1: 2015	Surface acoustic wave SAW filters of assessed quality Part 1 Generic specification
43	IS/IEC 60862-2 : 2002 Reviewed In : 2021 IEC 60862-2: 2002	Surface acoustic wave SAW filters of assessed quality Part 2 guidance on use
44	IS/IEC 60862-3 : 2003 Reviewed In : 2021 IEC 60862-3: 2003	Surface acoustic wave SAW filters of assessed quality Part 3 standard outlines
45	IS 6133 (Part 1) : 1971 Reviewed In : 2021	Specification for piezo - Electric filters for use in telecommunication and measuring equipment Part 1 general requirements and tests
46	IS/IEC 62044-1 : 2002 IS/IEC 62044-1:2002	Cores made of soft magnetic materials Measuring methods Part 1 Generic specification
47	IS/IEC 62044-2 : 2005 IS/IEC 62044-2:2005	Cores made of soft magnetic materials Measuring methods Part 2 Magnetic properties at low excitation level
48	IS/IEC 62044-3 : 2000 IS/IEC 62044-3:2000	Cores made of soft magnetic materials Measuring methods Part 3 Magnetic properties at high excitation level

49	IS 6297 (Part 1) : 1971 Reviewed In : 2020	Specification for transformers and inductors Power Audio Pulse And Switching for electronic equipment Part 1 general requirements and tests
50	IS 6297 (Part 2) : 1973 Reviewed In : 2020	Specification for transformers and inductors Power Audio Pulse And Switching for electronic equipment Part 2 power transformers
51	IS 6297 (Part 3) : 1974 Reviewed In : 2020	Specification for transformers and inductors Power Audio Pulse And Switching for electronic equipment Part 3 audio frequency transformers and chokes
52	IS 6297 (Part 4) : 1974 Reviewed In : 2020	Specification for transformers and inductors Power Audio Pulse And Switching for electronic equipment Part 4 pulse and switching transformers
53	IS/IEC 63093-1 : 2020 IEC 63093: Part 1:2020	Ferrite cores Guidelines on dimensions and the limits of surface irregularities Part 1 General specification
54	IS/IEC 63093-4 : 2019 IS/IEC 63093-4:2019	Ferrite cores Guidelines on dimensions and the limits of surface irregularities Part 4 RM-cores
55	IS/IEC 63093-5 : 2018 IEC 63093-5:2018 ISO 6980-2 : 2022	FERRITE CORES GUIDELINES ON DIMENSIONS AND THE LIMITS OF SURFACE IRREGULARITIES PART 5 EP-CORES AND ASSOCIATED PARTS FOR USE IN INDUCTORS AND TRANSFORMERS
56	IS/IEC 63093-8 : 2018 IS/IEC 63093-8: 2018	Ferrite cores Guidelines on dimensions and the limits of surface irregularities Part 8 E-cores
57	IS/IEC 63095-5 : 2018 IEC 63093-11:2018	FERRITE CORES GUIDELINES ON DIMENSIONS AND THE LIMITS OF SURFACE IRREGULARITIES PART 11 EC-CORES FOR USE IN POWER SUPPLY APPLICATIONS
58	IS/IEC 63182-2 : 2020 IS/IEC 63182-2: 2020	Magnetic powder cores Guidelines on dimensions and the limits of surface irregularities Part 2 Ring-cores
59	IS/QC 680100 : 1995 Reviewed In : 2020 IECQC 680100:1993	Quartz crystal units - A specification in the IEC quality assessmentsystem for electronic components IECQ - Secalspecification - Capability approval
60	IS/QC 680101 : 1995 Reviewed In : 2020 IECQC 680101:1993	Quartz crystal units - A specification in the IEC quality assessment system for electronic components IECQ - Blank detail specification - Capability approval
61	IS 7616 : 2021 IEC 60205:2016	CALCULATION OF THE EFFECTIVE PARAMETERS OF MAGNETIC PIECE PARTS First Revision
62	IS 8201 : 1976 Reviewed In : 2020	Specification for high frequency wideband matching transformer
63	IS 8271 (Part 2/Sec 9) : 1982 Reviewed In : 2015	Specification for 1 quartz crystal units used for frequency control and selection Part 2 series AA for oscillators Sec 9 quartz crystal unit type AA - 09
64	IS 8271 (Part 5/Sec 15) : 1990 Reviewed In : 2018	Quartz crystal units used for frequency control and selection - Specificaiton Part 5 ser - Ies CX for oscillators Sec 15 quartz crystal unit type CX - 15
65	IS 8271 (Part 6/Sec 5) : 1991 Reviewed In : 2018	Quartz crystal units used for frequency control and selection specification Part 8 series BF for oscillators Sec 5 quarp crystal unit type BF - 05
66	IS 8644 : 2001 IEC 60329(1985) Reviewed In : 2020 IEC 60329(1985)	Strip - Wound cut cores of grain oriented silicon - Iron alloy used for electronic and telecommunication equipment First Revision
67	IS 9018 (Part 1) : 2022 IEC 60679-1:2017	Piezoelectric dielectric and electrostatic oscillators of assessed quality Part 1 Generic specification
68	IS 9187 (Part 2) : 1980 Reviewed In : 2020	Specification for deflection coil units used with TV picture tubes Part 2 type dcu is for 470 mm 510 mm 590 mm and 610 mm TV picture tubes
69	IS 9187 (Part 3) : 1980 Reviewed In : 2020	Specification for deflection coil units used with TV picture tubes Part iii type dcu 1 h for 470 mm 510 mm 590 mm and 610 mm TV picture tubes
70	IS 9187 (Part 4) : 1980 Reviewed In : 2020	Specification for deflection coil up used with TV picture tubes Part 4 type DCU2S for 310 mm and 340 mm picture tubes

71	IS 9187 (Part 5) : 1998 Reviewed In : 2020	Specification for deflection coil units used with TV picture tubes Part 5 deflection coil units for colour picture tubes
72	IS 9205 (Part 1) : 2022 IEC 60539-1:2016	Directly heated negative temperature coefficient thermistors Part 1 Generic specification
73	IS 9229 : 1979 Reviewed In : 2020	Specification for inductors for electromagnetic interference suppression
74	IS 9819 (Part 1) : 1981 Reviewed In : 2020	Specification for line output transformers Eht used with TV picture tubes Part 1 general requirements and tests
75	IS 9819 (Part 2) : 1982 Reviewed In : 2020	Specification for line output transformers used with TV picture tubes Part ii type lot 1s for 470 mm 510 mm 590 mm and 610 mm TV picture tubes
76	IS 9819 (Part 3) : 1982 Reviewed In : 2020	Specification for line output transformers Eht used with TV picture tubes Part 3 type lot 1h for 470 mm 510 mm 590 mm and 610 mm TV picture tubes
77	IS 9819 (Part 4) : 1984 Reviewed In : 2020	Specification for line output transformer Eht used with TV picture tubes Part 4 type lot 2s for 310 mm and 340 mm TV picture tubes
78	IS 9819 (Part 5) : 1989 Reviewed In : 2020	Specification for line output transformers Eht Used with TV - Picture tubes Part 5 lot for colour picture tubes