

BUREAU OF INDIAN STANDARDS

Program of Work

LITD 8 : Electronic Measuring Instruments, Systems And Accessories

Scope: To prepare Indian Standards for electronic measuring instruments, systems and accessories for measurement, generation, test and analysis of electrical quantities including nuclear and mining instrumentation

Liaison: **IEC TC-45 (O): Nuclear instrumentation IEC TC-45 SC-45A (O): Instrumentation, control and electrical power systems of nuclear facilities IEC TC-45 SC-45B (O): Radiation protection instrumentation IEC TC-85 (P): Measuring equipment for electrical and electromagnetic quantities**

Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 10211 (Part 1) : 1982 <i>Reviewed In : 2023</i>	Specification for standard signal generator in the frequency range 30 MHz to 500 MHz: Part 1 methods of measurements	July, 2023	-	Indigenous
2	IS 10211 (Part 2) : 1982 <i>Reviewed In : 2023</i>	Specification for standard signal generator in the frequency range 30 MHz to 500 MHz: Part 2 performance requirements	October, 2023	-	Indigenous
3	IS 10656 : 1983 <i>Reviewed In : 2023</i>	Specification for insulation resistance tester (Electronic Type)	January, 2023	1	Indigenous
4	IS 10767 (Part 1) : 2018 60488-1 : 2004 <i>Reviewed In : 2024</i> <i>IEC 60488-1 : 2004</i>	Higher performance protocol for the standard digital interface for programmable instrumentation: Part 1 general (Second Revision)	July, 2024	-	Identical under dual numbering
5	IS 10767 (Part 2) : 2018 IEC 60488-2 : 2004 <i>Reviewed In : 2024</i> <i>IEC 60488-2 : 2004</i>	Standard digital interface for programmable instrumentation: Part 2 codes, formats, protocols and common commands (Second Revision)	July, 2024	-	Identical under dual numbering
6	IS 11018 (Part 1) : 1984 IEC 60351-1: 1976 <i>Reviewed In : 2023</i> <i>IEC 60351-1: 1976</i>	Expression of the properties of cathode - Ray oscilloscopes: Part 1 general	August, 2023	-	Identical under dual numbering
7	IS 11018 (Part 2) : 1984 IEC 60351-2: 1976 <i>Reviewed In : 2023</i> <i>IEC 60351-2: 1976</i>	Expression of the properties of cathode - Ray oscilloscopes: Part 2 storage oscilloscopes	September, 2023	-	Identical under dual numbering
8	IS 11424 : 2018 IEC 60460: 1993 <i>Reviewed In : 2024</i>	Nuclear instrumentation - Portable gamma radiation meters and spectrometers used for prospecting	July, 2024	-	Identical under dual numbering

	IEC 61239 : 1993	- Definitions, requirements and calibration (First Revision)			
9	IS 11797 : 2018 IEC 60515 : 2007 Reviewed In : 2024 IEC 60515 : 2007	Nuclear power plants - Instrumentation important to safety - Radiation detectors - Characteristics and test methods (First Revision)	July, 2024	-	Identical under dual numbering
10	IS 11866 : 2018 IEC 60325 : 2002 Reviewed In : 2024 IEC 60325 : 2002	Radiation protection instrumentation - Alpha, beta and alpha/beta (Beta Energy > 60 KeV) contamination meters and monitors (First Revision)	July, 2024	-	Identical under dual numbering
11	IS 11868 : 2018 IEC 60405 : 2011 Reviewed In : 2024 IEC 62598 : 2011	Nuclear instrumentation - Constructional requirements and classification of radiometric gauges (First Revision)	July, 2024	-	Identical under dual numbering
12	IS 12421 : 1988 Reviewed In : 2023 ANSI IEEE n 42-15(80)	Performance verification of liquid scintillation counting systems	July, 2023	-	Modified/Technically Equivalent
13	IS 12705 : 1989 Reviewed In : 2023 IEC 60528 : 1975	Expression of performance of air quality infra - Red, analyzers	July, 2023	-	Modified/Technically Equivalent
14	IS 12737 : 1988 IEC 60759 Reviewed In : 2023 IEC 60759	Standard test procedures for semiconductor X - Ray energy spectrometers	July, 2023	-	Identical under dual numbering
15	IS 12761 (Part 1) : 2018 IEC 60761-1 : 2002 Reviewed In : 2024 IEC 60761-1: 2002	Equipment for continuous monitoring of radioactivity in gaseous effluents: Part 1 general requirements (First Revision)	July, 2024	-	Identical under dual numbering
16	IS 12761 (Part 2) : 2018 IEC 60761-2 : 2002 Reviewed In : 2024 IEC 60761-2	Equipment for continuous monitoring of radioactivity in gaseous effluents: Part 2 specific requirements for radioactive aerosol monitors including transuranic aerosols (First Revision)	July, 2024	-	Identical under dual numbering
17	IS 12761 (Part 3) : 2018 IEC 60761-3 : 2018 Reviewed In : 2024 IEC 60761-3	Equipment for continuous monitoring of radioactivity in gaseous effluents: Part 3 specific requirements for radioactive noble gas monitors (First Revision)	July, 2024	-	Identical under dual numbering
18	IS 12761 (Part 4) : 2018 IEC 60761-4 : 2002 Reviewed In : 2024 IEC 60761-4	Equipment for continuously monitoring radioactivity in gaseous effluents: Part 4 specific requirements for Radioactive Iodine Monitors (First Revision)	July, 2024	-	Identical under dual numbering
19	IS 12857 : 1989 IEC 60416 Reviewed In : 2023 IEC 60416	General principles for the creation of graphical symbols for use on equipment	July, 2023	-	Identical under dual numbering
20	IS 12930 : 1991 IEC 60231 Reviewed In : 2023 IEC 60231	General principles of nuclear reactor instrumentation	July, 2023	-	Identical under dual numbering
21	IS 12957 : 1990 Reviewed In : 2023	Expression of performance of sample handling systems for fluids	July, 2023	-	Modified/Technically Equivalent

	IEC 66D(C.O.)12				
22	IS 13109 (Part 1) : 1991 Reviewed In : 2023	Specification for electronic equipment/systems for use in coal and metalliferrousmines: Part 1 definitions, general requirements and tests	July, 2023	-	Indigenous
23	IS 13109 (Part 2) : 1991 Reviewed In : 2023	Specification for electronic equipment/systems for use in coal and metal liferrous mines: Part 2 requirements for automatic telephone systems	June, 2023	-	Indigenous
24	IS 13109 (Part 3) : 1999 Reviewed In : 2023	Specification for electronic equipment/systems for use in coal and metalliferrous mines: Part 3 requirements for battery powered amplifier telephone systems	July, 2023	-	Indigenous
25	IS 13109 (Part 4) : 1991 Reviewed In : 2023	Specification for electronic equipment/systems fo ruse in coal and metalliferrousmines: Part 4 requirements for sound powered magneto telephone systems	July, 2023	-	Indigenous
26	IS 13109 (Part 5) : 1991 Reviewed In : 2023	Specification for electronic equipment/systems for use in coal and metalliferrous mines: Part 5 requirements for loud hailing telephone systems	July, 2023	-	Indigenous
27	IS 13109 (Part 6) : 1991 Reviewed In : 2023	Specification for electronic equipment/systems for use in coal and metalliferrous mines: Part 6 requirements for leaky feeder communication systems	July, 2023	-	Indigenous
28	IS 13109 (Part 7) : 1991 Reviewed In : 2023	Specification for electronic equipment/systems for use in coal and metalliferrous mines: Part 7 requirements for cage communication systems	July, 2023	-	Indigenous
29	IS 13109 (Part 8) : 1999 Reviewed In : 2023	Specification for electronic equipment/systems for use in coal and metalliferrous mines: Part 8 requirements for radio paging systems	July, 2023	-	Indigenous
30	IS 13109 (Part 9) : 2000 Reviewed In : 2023	Specification for electronic equipment/systems for use in coal and metalliferrous mines: Part 9 requirements for insulation resistance testers	May, 2023	-	Indigenous
31	IS 13109 (Part 10/Sec 1) : 1991 Reviewed In : 2023	Specification for electronic equipment/systems for use in coal and metalliferrousmines: Part 10 requirements for monitoring systems: Sec 1 production monitoring systems	July, 2023	-	Indigenous
32	IS 13109 (Part 10/Sec 2) : 1991 Reviewed In : 2023	Specification for electronic equipment/systems for use in coal and: Part 10 metalliferrous mines requirements - For monitoring systems: Sec 2 status monitoring systems	June, 2023	-	Indigenous
33	IS 13109 (Part 11) :	Specification for electronic	September, 2023	-	Indigenous

	2000 Reviewed In : 2023	equipment/ systems for use in coal and metalliferous mines: Part 11 requirements for goaf temperature monitoring systems			
34	IS 13109 (Part 12) : 2014 Reviewed In : 2023	Electronic equipment/systems for use in coal and metalliferous mines - Specificaiton: Part 12 requirements for cable fault locators	November, 2023	-	Indigenous
35	IS 13109 (Part 21) : 1991 Reviewed In : 2023	Specification for electronic equipment/systems for use in coal and metalliferous mines: Part 21 requirements for mine environmental telemonitoring systems	June, 2023	-	Indigenous
36	IS 13875 (Part 1) : 1993 Reviewed In : 2023 IEC 66(SEC) 49	Digital measuring instruments for measurement and control: Part 1 general specifications concerning terms Tests and data sheet details	July, 2023	-	Modified/Technically Equivalent
37	IS 13875 (Part 2) : 1993 Reviewed In : 2023 IEC 66(SEC) 50	Digital measurement instruments for measurement and control: Part 2 terms test and data sheet details of instruments for measuring analog quantities	July, 2023	-	Modified/Technically Equivalent
38	IS 13875 (Part 3) : 1993 Reviewed In : 2023 IEC 66(SEC) 51	Digital measuring instruments for measurement and control: Part 3 terms, tests and data sheet details of instruments for measuring digital quantities	July, 2023	-	Modified/Technically Equivalent
39	IS 13881 : 1993 IEC 60973 Reviewed In : 2023 IEC 60973	Test procedures for germanium gamma - Ray detectors	July, 2023	-	Identical under dual numbering
40	IS 13883 : 2023 IEC 62387 : 2020 IEC 62387 : 2020	RADIATION PROTECTION INSTRUMENTATION DOSIMETRY SYSTEMS WITH INTEGRATING PASSIVE DETECTORS FOR INDIVIDUAL WORKPLACE AND ENVIRONMENTAL MONITORING OF PHOTON AND BETA RADIATION First Revision		-	Identical under dual numbering
41	IS 13897 : 1993 Reviewed In : 2023 IEC 60568	In - Core instrumentation for neutron fluence rate (Flux) measurements in power reactors	January, 2023	-	Modified/Technically Equivalent
42	IS 14189 : 1994 Reviewed In : 2023	Expression of properties of frequency counters (Up to a frequency of 1 GHz)	July, 2023	-	Indigenous
43	IS 14481 (Part 1) : 2018 IEC 60951-1 : 2009 Reviewed In : 2024 IEC 60951-1	Nuclear power plants - Instrumentation important to safety - Radiation monitoring for accident and post - Accident conditions: Part 1 general requirements	July, 2024	-	Identical under dual numbering
44	IS 14501 (Part 2) : 1998 Reviewed In : 2023 IEC 60469-2	Pulse techniques and apparatus: Part 2 pulse measurement and analysis, general considerations	July, 2023	-	Modified/Technically Equivalent
45	IS 14527 : 1998	Expression of performance of	January, 2023	-	Modified/Technically

	Reviewed In : 2023 IEC60624	pulse generators			Equivalent
46	IS 14888 : 2000 Reviewed In : 2024 ISO/IEC 14888-3 :201	VSWR meter - Performance requirements	July, 2024	-	Identical under dual numbering
47	IS 14989 : 2001 IEC 60980 Reviewed In : 2023 IEC 60980	Recommended practices for seismic qualification of electrical equipment of the safety system for nuclear generating stations	July, 2023	-	Identical under dual numbering
48	IS 15398 : 2003 Reviewed In : 2023 IEC 60880	Software for computers in the safety systems of nuclear and radiation facilities	July, 2023	-	Modified/Technically Equivalent
49	IS 15399 : 2003 Reviewed In : 2023 IEC 60987	Hardware for computers in the safety system of nuclear and radiation facilities	July, 2023	-	Modified/Technically Equivalent
50	IS 1885 (Part 47) : 1977 Reviewed In : 2023 IEC 485 : 1974	Electrotechnical vocabulary: Part 47 digital electronic equipment	July, 2023	-	Modified/Technically Equivalent
51	IS 1885 (Part 63) : 1985 IEC 60050-391(1975) Reviewed In : 2023 IEC 60050-391(1975)	Electrotechnical vocabulary: Part 63 nuclear instrumentation	July, 2023	-	Identical under dual numbering
52	IS 2320 : 1963 Reviewed In : 2023 IEC 60106	Methods of measurements for amplitude modulated radio frequency signal generators (30 Kc/s To 30 Mc/s)	July, 2023	2	Modified/Technically Equivalent
53	IS 2321 : 1963 Reviewed In : 2023	Requirements for general purpose amplitude modulated radio frequency signal generators (30 Kc/s To 30 Mc/s)	July, 2023	1	Indigenous
54	IS 3437 : 1972 Reviewed In : 2023 IEC 217 : 1967	General requirements for direct reading pointer indicator type electronic voltmeter (First Revision)	August, 2023	-	Modified/Technically Equivalent
55	IS 3886 : 1966 Reviewed In : 2023	Minimum requirements for general purpose audio frequency signal generators (30 C/s To 30 Kc/s)	July, 2023	-	Indigenous
56	IS 3915 : 1966 Reviewed In : 2023	Methods of measurements on audio frequency signal generators (30 C/s To 30 Kc/s)	July, 2023	-	Indigenous
57	IS 4330 : 1967 Reviewed In : 2023	Methods of measurements on cathode - Ray oscilloscope (DC To 10 Mc/s)	July, 2023	-	Indigenous
58	IS 4755 : 1987 Reviewed In : 2023 ISO 389-1985	Reference zero for the calibration of pure tone air conduction audiometers (First Revision)	July, 2023	1	Modified/Technically Equivalent
59	IS/IEC 60469 : 2013 IEC 60469 : 2013 Reviewed In : 2024 IEC 60469 : 2013	Transitions, Pulses and Related Waveforms Terms, Definitions and Algorithms	October, 2024	-	Identical under single numbering
60	IS 6700 : 1972 Reviewed In : 2023	Requirements for general purpose cathode - Ray oscilloscope	July, 2023	-	Indigenous
61	IS 6756 : 2001 IEC 61187(1993)	Electrical and electronic measuring equipment - Documentation (First	July, 2023	-	Identical under dual numbering

	Reviewed In : 2023 IEC 61187(1993)	Revision)			
62	IS 6767 (Part 1) : 1972 Reviewed In : 2020	Specification for direct reading pointer indicator type AC/DC electronic voltmeter: Part 1 methods of measurements	July, 2020	-	Indigenous
63	IS 6767 (Part 3) : 1972 Reviewed In : 2020 IEC 217 : 1967	Specification for direct reading pointer indicator type AC/DC electronic voltmeter: Part 3 up to 300 MHz	July, 2020	-	Modified/Technically Equivalent
64	IS 6769 (Part 1) : 1972 Reviewed In : 2023	Specification for direct reading pointer indicator type ac electronic millivoltmeter: Part 1 methods of measurements	July, 2023	-	Indigenous
65	IS 6769 (Part 2) : 1972 Reviewed In : 2023	Specification for direct reading pointer indicator type ac electronic millivoltmeter: Part 2 with a frequency range of 2 Hz to 1 MHz	July, 2023	-	Indigenous
66	IS 8290 : 1976 Reviewed In : 2023	Specification for general purpose audio frequency output power meters	July, 2023	-	Indigenous
67	IS 8573 : 1977 Reviewed In : 2023 IEC 485-1974	Specification for digital electronic DC voltmeters and dc electronic analogue - To - Digital converters	July, 2023	-	Modified/Technically Equivalent
68	IS 9176 : 2018 IEC 60359 : 2001 Reviewed In : 2024 IEC 60359 : 2001	Electrical and electronic measurement equipment - Expression of performance (Second Revision)	July, 2024	-	Identical under dual numbering
69	IS 9177 : 1979 Reviewed In : 2023 IEC 443 : 1974	Method for specifying the functional performance of stabilized power supply apparatus	July, 2023	-	Modified/Technically Equivalent
70	IS 9281 (Part 1) : 1979 Reviewed In : 2020	Specification for electronic weighing systems: Part 1 terms and definitions	July, 2020	-	Indigenous
71	IS 9281 (Part 2) : 1979 Reviewed In : 2020	Specification for electronic weighing systems: Part 2 methods of measurements	July, 2020	-	Indigenous
72	IS 9281 (Part 3) : 1981 Reviewed In : 2023	Specification for electronic weighing systems: Part 3 requirements	July, 2023	1	Indigenous
73	IS 9281 (Part 4) : 1983 Reviewed In : 2020	Specification for electronic weighing systems: Part 4 code of practice for use and installation	July, 2020	-	Indigenous
74	IS 9285 (Part 1) : 1979 Reviewed In : 2023	Specification for direct reading pointer indicator type AC electronic RF millivoltmeter: Part 1 methods of measurements	July, 2023	-	Indigenous
75	IS 9285 (Part 2) : 1979 Reviewed In : 2023	Specification for direct reading pointer indicator type AC electronic RF millivoltmeter: Part 2 requirements	July, 2023	-	Indigenous
76	IS 9298 (Part 1) : 1979 Reviewed In : 2023	Specification for television pattern generators: Part 1 requirements	July, 2023	-	Indigenous
77	IS 9298 (Part 2) : 1980 Reviewed In : 2023	Specification for television pattern generators: Part 2 methods of measurements	July, 2023	-	Indigenous
78	IS 9711 : 1980 Reviewed In : 2023	Specification for synchronizing pulse generator	July, 2023	-	Indigenous

79	IS 9741 (Part 1) : 1981 Reviewed In : 2023	Specification for video test signal generator: Part 1 methods of measurements	July, 2023	-	Indigenous
80	IS 9741 (Part 2) : 1981 Reviewed In : 2023	Specification for video test signal generator: Part 2 requirements	July, 2023	-	Indigenous
81	IS 9782 : 1981 Reviewed In : 2023	Specification for television sweep generators	July, 2023	-	Indigenous
82	IS 9858 : 1981 Reviewed In : 2023 IEC 348 : 1978	Safety requirements for electronic measuring apparatus	July, 2023	-	Modified/Technically Equivalent

Standards under Development

Projects Approved

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

Preliminary Draft Standards

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

Drafts Standards in WC Stage

SI. No.	Doc No.	Title
1	LITD 8 (26563) Revision of: IS 15399:2003	Nuclear Power Plants Instrumentation and Control Important to Safety - Hardware Requirements First Revision
2	LITD 8 (26581) Revision of: IS 1885:1985	International Electrotechnical Vocabulary IEV - Part 395 Nuclear instrumentation Physical phenomena basic concepts instruments systems equipment and detectors First Revision
3	LITD 8 (26583) Revision of: IS 13897:1993	Nuclear power plants - Instrumentation important to safety - In-core instrumentation for neutron fluence rate flux measurements in power reactors First Revision
4	LITD 8 (26584) Revision of: IS 14989:2001	Nuclear facilities - Equipment important to safety - Seismic qualification First Revision
5	LITD 8 (26585) Revision of: IS 15398:2003	Nuclear power plants Instrumentation and control systems important to safety - Software aspects for computer- based systems performing category A functions First Revision
6	LITD 8 (26600) Revision of: IS 4755:1987	Acoustics Reference zero for the calibration of audiometric equipment Part 1 Reference equivalent threshold sound pressure levels for pure tones and supra-aural earphones Second Revision
7	LITD 8 (26601) Revision of: IS 9858:1981	Safety requirements for electrical equipment for measurement control and laboratory use Part 1 General requirements First Revision

Draft Standards Completed WC Stage

SI. No.	Doc No.	Title
1	LITD 8 (25354)	Nuclear power plants - Instrumentation control and electrical power systems important to safety - Categorization of functions and classification of systems

Finalized Draft Indian Standard

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

Finalized Draft Indian Standards under Print

SI. No.	Doc No.	Title
---------	---------	-------

No Records Found

Total Published Standards:82 Total Standards Under development:8

Aspect Wise Report

Product : 35
Code of Practices : 15
Methods of Test : 19
Terminology : 9
Dimensions : 0
System Standard : 1
Safety Standard : 3
Others : 0
Service Specification : 0
Process Specification : 0
Unclassified : 0

Annexure-I :List of Indian Standards Withdrawn/Superseded

SI. No.	IS No. & Year	Title
1	IS 1037 : 1957	General purpose low frequency chokes
2	IS 11017 : 1984 IEC 60548: 1976 Reviewed In : 2014 IEC 60548: 1976	Expression of properties of sampling oscilloscopes
3	IS 11051 : 1984 Reviewed In : 2020	Methods of measurements for television sweep generators
4	IS 11148 : 1984 Reviewed In : 2020 IEC 60714 : 1981	Expression of the properties of spectrum analyzers
5	IS 11423 : 1985 IEC 60421: 1973 Reviewed In : 2014 IEC 60421: 1973	Specification for portable prospecting radiation meters with geiger - Muller counter tube Linear Scale Instruments
6	IS 11425 : 1985 IEC 60333: 1983 Reviewed In : 2020 IEC 60333: 1983	Test procedures for semiconductor charged - Particle detectors
7	IS 11600 : 1985 IEC 181 & 181B: 1966 Reviewed In : 2014 IEC 181 & 181B: 1966	Index of Electrical Measuring Apparatus Used in Connection with Ionizing Radiation
8	IS 11645 : 1985 IEC 60340 Reviewed In : 2014 IEC 60340: 1979	Test procedures for amplifiers and preamplifiers for semiconductor detectors for ionizing radiation
9	IS 11796 : 1985 IEC 60295 Reviewed In : 2020 IEC 60295 : 1969	Specification for dc periodmeters IEC Title Dc Periodmeters Characteristics And Test Methods
10	IS 11798 : 1985 IEC 60596 Reviewed In : 2014 IEC 60596 : 1978	Definitions of test method terms for semiconductor radiation detectors and scintillation counting
11	IS 11869 : 1987 IEC 60504 Reviewed In : 2014 IEC	Specification for Hand and or Foot Contamination Monitors and Warning Assemblies

	60504 : 1975	
12	IS 11886 : 1987 IEC 60659 Reviewed In : 2020 IEC 60659: 1979	Test methods for multichannel amplitude analyzers
13	IS 12275 : 1987 IEC 60741 Reviewed In : 2020 IEC 60741 : 1982	Standard for time - To - Amplitude converts for multichannel amplitude analyzers
14	IS 12350 : 1987 IEC 60776 Reviewed In : 2020 IEC 60776 : 1993	Expression of the properties of logic analyzers
15	IS 12771 : 1989 IEC 60232 Reviewed In : 2014 IEC 60232	General characteristics of nuclear reactor instrumentation
16	IS 12772 : 2003 Reviewed In : 2020 IEC 60643 AND IEC 61226	Application of computers to nuclear reactor instrumentation and control First Revision
17	IS 14501 (Part 1) : 1998 Reviewed In : 2014	Pulse Techniques And Apparatus Part 1 Pulse Terms And Definitions
18	IS 1512 : 1969	Tests and general requirements for IF transformers and RF coils
19	IS 3289 : 1965	Tests And General Requirements For Audio Frequency Transformers And Choke
20	IS 4002 : 1967	General requirements and tests for audio frequency transformers and chokes used in transistorized equipment
21	IS 591 : 1964	Mains transformers for electronic equipment
22	IS 592 : 1954	Audio output transformers for radio receivers amplifiers small transmitters and similar other purposes tentative
23	IS 6767 (Part 2) : 1972 Reviewed In : 2020 IEC 217 : 1967	Specification for direct reading pointer indicator type AC DC electronic voltmeter Part 2 up to 30 MHz

Annexure-II :List of Indian Product Standards

Sl. No.	IS No. & Year	Title
1	IS 10211 (Part 2) : 1982 Reviewed In : 2023	Specification for standard signal generator in the frequency range 30 MHz to 500 MHz Part 2 performance requirements
2	IS 10656 : 1983 Reviewed In : 2023	Specification for insulation resistance tester Electronic Type
3	IS 12761 (Part 1) : 2018 IEC 60761-1 : 2002 Reviewed In : 2024 IEC 60761-1: 2002	Equipment for continuous monitoring of radioactivity in gaseous effluents Part 1 general requirements First Revision
4	IS 12761 (Part 2) : 2018 IEC 60761-2 : 2002 Reviewed In : 2024 IEC 60761-2	Equipment for continuous monitoring of radioactivity in gaseous effluents Part 2 specific requirements for radioactive aerosol monitors including transuranic aerosols First Revision
5	IS 12761 (Part 3) : 2018 IEC 60761-3 : 2018 Reviewed In : 2024 IEC 60761-3	Equipment for continuous monitoring of radioactivity in gaseous effluents Part 3 specific requirements for radioactive noble gas monitors First Revision
6	IS 12761 (Part 4) : 2018 IEC 60761-4 : 2002 Reviewed In : 2024 IEC 60761-4	Equipment for continuously monitoring radioactivity in gaseous effluents Part 4 specific requirements for Radioactive Iodine Monitors First Revision

7	IS 13109 (Part 2) : 1991 Reviewed In : 2023	Specification for electronic equipment systems for use in coal and metal liferrous mines Part 2 requirements for automatic telephone systems
8	IS 13109 (Part 3) : 1999 Reviewed In : 2023	Specification for electronic equipment systems for use in coal and metalliferous mines Part 3 requirements for battery powered amplifier telephone systems
9	IS 13109 (Part 4) : 1991 Reviewed In : 2023	Specification for electronic equipment systems fo ruse in coal and metalliferrousmines Part 4 requirements for sound powered magneto telephone systems
10	IS 13109 (Part 5) : 1991 Reviewed In : 2023	Specification for electronic equipment systems for use in coal and metalliferrous mines Part 5 requirements for loud hailing telephone systems
11	IS 13109 (Part 6) : 1991 Reviewed In : 2023	Specification for electronic equipment systems for use in coal and metalliferrous mines Part 6 requirements for leaky feeder communlcation systems
12	IS 13109 (Part 7) : 1991 Reviewed In : 2023	Specification for electronic equipment systems for use in coal and metalliferrous mines Part 7 requirements for cage communication systems
13	IS 13109 (Part 8) : 1999 Reviewed In : 2023	Specification for electronic equipment systems for use in coal and metalliferous mines Part 8 requirements for radio paging systems
14	IS 13109 (Part 9) : 2000 Reviewed In : 2023	Specification for electronic equipment systems for use in coal and metalliferous mines Part 9 requirements for insulation resistance testers
15	IS 13109 (Part 10/Sec 1) : 1991 Reviewed In : 2023	Specification for electronic equipment systems for use in coal and metalliferrousmines Part 10 requirements for monitoring systems Sec 1 production monitoring systems
16	IS 13109 (Part 10/Sec 2) : 1991 Reviewed In : 2023	Specification for electronic equipment systems for use in coal and Part 10 metalliferrous mines requirements - For monitoring systems Sec 2 status monitoring systems
17	IS 13109 (Part 11) : 2000 Reviewed In : 2023	Specification for electronic equipment systems for use in coal and metalliferous mines Part 11 requirements for goaf temperature monitoring systems
18	IS 13109 (Part 12) : 2014 Reviewed In : 2023	Electronic equipment systems for use in coal and metalliferous mines - Specificaiton Part 12 requirements for cable fault locators
19	IS 13109 (Part 21) : 1991 Reviewed In : 2023	Specification for electronic equipment systems for use in coal - and metalliferrousmines Part 21 requirements for mine environmental telemonitoring systems
20	IS 14189 : 1994 Reviewed In : 2023	Expression of properties of frequency counters Up to a frequency of 1 GHz
21	IS 14888 : 2000 Reviewed In : 2024 ISO/IEC 14888-3 :201	VSWR meter - Performance requirements
22	IS 2321 : 1963 Reviewed In : 2023	Requirements for general purpose amplitude modulated radio frequency signal generators 30 Kc s To 30 Mc s
23	IS 3437 : 1972 Reviewed In : 2023 IEC 217 : 1967	General requirements for direct reading pointer indicator type electronic voltmeter First Revision
24	IS 3886 : 1966 Reviewed In : 2023	Minimum requirements for general purpose audio frequency signal generators 30 C s To 30 Kc s
25	IS 6700 : 1972 Reviewed In : 2023	Requirements for general purpose cathode - Ray oscilloscope
26	IS 6767 (Part 3) : 1972 Reviewed In : 2020 IEC 217 : 1967	Specification for direct reading pointer indicator type AC DC electronic voltmeter Part 3 up to 300 MHz
27	IS 6769 (Part 2) : 1972 Reviewed In : 2023	Specification for direct reading pointer indicator type ac electronic millivoltmeter Part 2 with a frequency range of 2 Hz to 1 MHz
28	IS 8290 : 1976 Reviewed In : 2023	Specification for general purpose audio frequency output power meters
29	IS 8573 : 1977 Reviewed In : 2023 IEC 485-1974	Specification for digital electronic DC voltmeters and dc electronic analogue - To - Digital converters
30	IS 9281 (Part 3) : 1981 Reviewed In : 2023	Specification for electronic weighing systems Part 3 requirements
31	IS 9285 (Part 2) : 1979 Reviewed In : 2023	Specification for direct reading pointer indicator type AC electronic RF millioltmeter Part 2 requirements
32	IS 9298 (Part 1) : 1979 Reviewed In : 2023	Specification for television pattern generators Part 1 requirements
33	IS 9711 : 1980	Specification for synchronizing pulse generator

	Reviewed In : 2023	
34	IS 9741 (Part 2) : 1981 Reviewed In : 2023	Specification for video test signal generator Part 2 requirements
35	IS 9782 : 1981 Reviewed In : 2023	Specification for television sweep generators