

# BUREAU OF INDIAN STANDARDS

## Program of Work

### LITD 1 : Environmental Testing Procedure

Scope: To prepare Indian Standards on testing procedure for electronic components and equipments under different environmental conditions

Liaison: **IEC TC-IEC/TC (P):** *Environmental conditions, classification and methods of test* **IEC TC-IEC /TC (O):** *Fire hazard testing*

## Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 13736 (Part 1):2018 IEC 60721-1: 2002 <i>Reviewed In : 2024</i> <i>IEC 60721-1: 2002</i>	Classification of environmental conditions: Part 1 environmental parameters and their severities (First Revision)	November, 2024	-	Identical under dual numbering
2	IS 13736 (Part 2/Sec 1):2020 IEC 60721-2-1 : 2013 <i>Reviewed In : 2023</i> <i>IEC 60721-2-1 : 2013</i>	Classification of Environmental Conditions Part 2 Environmental Conditions Appearing in Nature Section 1 Temperature and humidity ( First Revision )	December, 2023	-	Identical under dual numbering
3	IS 13736 (Part 2/Sec 2):2018 IEC 60721-2-2: 2012 <i>Reviewed In : 2024</i> <i>IEC 60721-2-2: 2012</i>	Classification of environmental conditions: Part 2 environmental conditions appearing in nature: Sec 2 precipitation and wind (First Revision)	August, 2024	-	Identical under dual numbering
4	IS 13736 (Part 2/Sec 3):2020 IEC 60721-2-3 : 2013 <i>Reviewed In : 2023</i> <i>IEC 60721-2-3 : 2013</i>	Classification of Environmental Conditions Part 2 Environmental Conditions Appearing in Nature Section 3 Air pressure ( First Revision )	December, 2023	-	Identical under dual numbering
5	IS 13736 (Part 3/Sec 6):1993 IECIEC 60721-3-6: 1987 <i>Reviewed In : 2024</i> <i>IEC 60721-3-6: 1987</i>	Classification of environmental conditions: Part 3 classification of groups of environmental parameters and their severities: Sec 6 ship environment	September, 2024	2	Identical under dual numbering
6	IS 1885 (Part 84):2022 IEC 60695-4:2021 <i>Reviewed In : 2025</i>	Electrotechnical Vocabulary Part 84 Terminology Concerning Fire Tests for Electrotechnical Products (Third Revision)	July, 2025	-	Identical under dual numbering

	IEC 60695-4:2021				
7	IS/IEC 60068-1:2013 IEC 60068-1:2013 Reviewed In : 2025 IEC 60068-1:2013	Environmental Testing Part 1 General and Guidance	February, 2025	-	Identical under single numbering
8	IS/IEC 60068-2-1:2007 IEC 60068-2-1:2007 Reviewed In : 2025 IEC 60068 -Part 2-1 : 2007	Environmental Testing Part 2 Tests Section 1 Test A: Cold	April, 2025	-	Identical under single numbering
9	IS/IEC 60068-2-2):2007 IEC 60068-2-2:2007 IEC 60068-2-2:2007	Environmental Testing Part 2: Tests - Test B Section 2: Dry Heat		-	Identical under single numbering
10	IS/IEC 60068-2-5:2018 IEC 60068-2-5:2018 Reviewed In : 2025 IEC 60068-2-5:2018	Environmental Testing Part 2 Tests Section 5 Test S: Simulated solar radiation at ground level and guidance for solar radiation testing and weathering	April, 2025	-	Identical under single numbering
11	IS/IEC 60068-2-6:2007 IEC 60068-2-6:2007 Reviewed In : 2025 IEC 60068-2-6 : 2007	Environmental Testing Part 2 Tests Section 6 Test Fc: Vibration sinusoidal	April, 2025	-	Identical under single numbering
12	IS/IEC 60068-2-7):1983 IEC 60068-2-7:1983 IEC 60068-2-7:1983	Basic Environmental Testing Procedures Part 2: Tests - Test Ga and Guidance Section 7: Acceleration Steady State		-	Identical under single numbering
13	IS/IEC 60068-2-10:2018 IEC 60068-2-10:2018 Reviewed In : 2025 IEC 60068-2-10:2018	Environmental testing - Part 2-10: Tests - Test J and guidance: Mould growth	February, 2025	-	Identical under single numbering
14	IS/IEC 60068-2-13:2021 IEC 60068-2-13:2021 Reviewed In : 2025 IEC 60068-2-13:2021	Environmental Testing Part 2 Tests Section 13 Test M: Low air pressure	July, 2025	-	Identical under single numbering
15	IS/IEC 60068-2-14):2023 IEC 60068-2-14:2023 IEC 60068-2-14:2023	Environmental Testing Part 2 Tests Section 14 Test N: Change of Temperature (First Revision)		-	Identical under single numbering
16	IS/IEC 60068-2-17):2023 IEC 60068-2-17:2023 IEC 60068-2-17:2023	Environmental Testing Part 2 Tests Section 17 Test Q: Sealing ( First Revision )		-	Identical under single numbering

17	IS/IEC 60068-2-18):2017 IEC 60068-2-18:2017 IEC 60068-2-18:2017	Environmental testing Part 2: Tests Section 18 Test R and guidance: Water		-	Identical under single numbering
18	IS/IEC 60068-2-30):2005 IEC 60068-2-30:2005 IEC 60068-2-30:2005	Environmental testing Part 2 Tests Section 30 Test Db: Damp heat cyclic 12 h 12 h cycle		-	Identical under single numbering
19	IS/IEC 60068-2-38:2021 IEC 60068-2-38:2021 Reviewed In : 2025 IEC 60068-2-38:2021	Environmental Testing Part 2 Tests Section 38 Test Z/AD : Composite temperature/humidity cyclic test	March, 2025	-	Identical under single numbering
20	IS/IEC 60068-2-45):1980 IEC 60068-2-45: 1980 ISO 8362-1:2018	Basic environmental testing procedures Part 2 Tests Test XA and guidance Sec 45 Immersion in cleaning solvents		-	Identical under dual numbering
21	IS/IEC 60068-2-47:2005 IEC 60068-2-47:2005 Reviewed In : 2025 IEC 60068-2-47:2005	Environmental Testing Part 2 Tests Section 47 Mounting of specimens for vibration impact and similar dynamic tests	March, 2025	-	Identical under single numbering
22	IS/IEC 60068-2-55):2013 IEC 60068-2-55:2013 IEC 60068-2-55:2013	Environmental testing Part 2: Tests Section 55 Test Ee and guidance Loose cargo testing including bounce		-	Identical under single numbering
23	IS/IEC 60068-2-65):2013 IEC 60068-2-65: 2013 IEC 60068-2-65: 2013	Environmental testing Part 2: Tests Section 65: Test Fg: Vibration - Acoustically induced method		-	Identical under single numbering
24	IS/IEC 60068-2-68):1994 IEC 60068-2-68:1994 IEC 60068-2-68:1994	Environmental testing Part 2: Tests Section 68 Test L: Dust and sand		-	Identical under single numbering
25	IS/IEC 60068-3-1):2023 IEC 60068-3-1:2023 IEC 60068-3-1:2023	Environmental testing Part 3 Supporting documentation and guidance section -1: Cold and dry heat tests		-	Identical under single numbering
26	IS/IEC 60068-3-4):2023 IEC 60068-3-4:2023 IEC 60068-3-4:2023	Environmental testing Part 3 Supporting documentation and guidance Section - 4: Damp heat tests First Revision		-	Identical under single numbering

27	IS/IEC 60695-1-10:2016 IS/IEC 60695-1-10:2016 Reviewed In : 2025 IS/IEC 60695-1-10:2016	Fire Hazard Testing Part 1 Guidance for assessing the fire hazard of electrotechnical products Section 10 General Guidelines	March, 2025	-	Identical under single numbering
28	IS/IEC 60695-1-11:2014 IEC 60695-1-11:2014 Reviewed In : 2025 IEC 60695-1-11:2014	Fire Hazard Testing Part 1 Guidance for assessing the fire hazard of electrotechnical products Section 11 Fire Hazard Assessment	February, 2025	-	Identical under single numbering
29	IS/IEC 60695-1-30:2017 IEC 60695-1-30:2017 Reviewed In : 2025 IEC 60695-1-30:2017	Fire Hazard Testing Part 1 Guidance for assessing the fire hazard of electrotechnical products Section 30 Preselection testing process General guidelines	March, 2025	-	Identical under single numbering
30	IS/IEC 60695-1-40:2013 IEC 60695-1-40: 2013 Reviewed In : 2024 IEC 60695-1-40: 2013	Fire Hazard Testing Part 1 Guidance for assessing the fire hazard of electro technical products Section 40 Insulating Liquids	September, 2024	-	Identical under dual numbering
31	IS/IEC 60695-2-10):2021 IEC 60695-2-10:2021 IEC 60695-2-10:2021	Fire hazard testing Part 2: Glowinghot-wire based test methods Section 10: Glow-wire apparatus and common test procedure		-	Identical under single numbering
32	IS/IEC 60695-2-12):2021 IEC 60695-2-12:2021 IEC 60695-2-12:2021	Fire Hazard Testing Part 2: Glowinghot-wire based test methods Section 12: Glow-wire flammability index GWFI Test method for materials		-	Identical under single numbering
33	IS/IEC 60695-2-13:2021 IEC 60695-2-13:2021 Reviewed In : 2025 IEC 60695-2-13:2021	Fire Hazard Testing Part 2 GlowingHot wire based test methods Section 13 Glow-wire ignition temperature GWIT test method for materials	March, 2025	-	Identical under single numbering
34	IS/IEC 60695-2-11):2021 IEC 60695-2-11:2021 IEC 60695-2-11:2021	Fire Hazard Testing Part 2: Glowinghot-wire based test methods Section 11: Glow-wire flammability test method for end products GWEPT		-	Identical under single numbering
35	IS/IEC 60695-10-2:2014 IEC 60695-10-2 : 2014 Reviewed In : 2022 IEC 60695-10-2	Fire hazard testing: Part 10 Abnormal heat: Sec 2 ball pressure test method	May, 2022	-	Identical under single numbering

36	IS/IEC 60695-11-5:2016 IEC 60695-11-5 : 2016 Reviewed In : 2023 IEC 60695-11-5:2016	Fire Hazard Testing Part 11 Test Flames Section 5 Needle - Flame test method - Apparatus, confirmatory test arrangement and guidance ( First Revision )	December, 2023	-	Identical under single numbering
37	IS/IEC 60695-11-10:2013 IEC 60695-11-10 : 2013 Reviewed In : 2022 IEC 60695-11-10	Fire hazard testing: Part 11 test flames :: Sec 10 50 w horizontal and vertical flame test methods	May, 2022	-	Identical under single numbering
38	IS/IEC 60721-2-4:2018 IEC 60721-2-4:2018 Reviewed In : 2024 IEC 60721-2-4:2018	Classification of Environmental Conditions Part 2 Environmental Conditions appearing in nature Section 4 Solar Radiation and Temperature	September, 2024	-	Identical under dual numbering
39	IS/IEC 60721-2-7:2018 IEC 60721-2-7: 2018 Reviewed In : 2024 IEC 60721-2-7: 2018	Classification of Environmental Conditions Part 2 Environmental Conditions appearing in nature Section 7 Flora and Fauna	September, 2024	-	Identical under dual numbering
40	IS/IEC 60721-3-0:2020 IEC 60721-3-0: 2020 Reviewed In : 2024 IEC 60721-3-0: 2020	Classification of Environmental Conditions Part 3 Classification of groups of environmental parameters and their severities Section 0 Introduction	September, 2024	-	Identical under dual numbering
41	IS/IEC 60721-3-1:2018 IEC 60721-3-1: 2018 Reviewed In : 2024 IEC 60721-3-1: 2018	Classification of Environmental Conditions Part 3 Classification of groups of environmental parameters and their severities Section 1 Storage	September, 2024	-	Identical under dual numbering
42	IS/IEC 60721-3-2:2018 IEC 60721-3-2: 2018 Reviewed In : 2024 IEC 60721-3-2: 2018	Classification of Environmental Conditions Part 3 Classification of Groups of Environmental Parameters and their Severities Section 2 Transportation and handling	September, 2024	-	Identical under dual numbering
43	IS/IEC 60721-3-3:2019 IEC 60721-3-3: 2019 Reviewed In : 2024 IEC 60721-3-3: 2019	Classification of Environmental Conditions Part 3 Classification of groups of environmental parameters and their severities Section 3 Stationary use at weatherprotected locations	September, 2024	-	Identical under dual numbering
44	IS/IEC 60721-3-4:2019 IEC 60721-3-4: 2019 Reviewed In : 2024 IEC 60721-3-4:	Classification of Environmental Conditions Part 3 Classification of groups of environmental parameters and their severities Section 4 Stationary use at non- weatherprotected locations	September, 2024	-	Identical under dual numbering

	2019				
45	IS/IEC 60721-3-5:1997 IEC 60721-3-5: 1997 Reviewed In : 2024 IEC 60721-3-5: 1997	Classification of Environmental Conditions Part 3 Classification of groups of environmental parameters and their severities Section 5 Ground Vehicle Installations	September, 2024	-	Identical under dual numbering
46	IS/IEC 60721-3-7:2002 IEC 60721-3-7: 1995 Reviewed In : 2024 IEC 60721-3-7: 1995	Classification of Environmental Conditions Part 3 Classification of groups of environmental parameters and their severities Section 7 Portable and non- stationary use	September, 2024	-	Identical under dual numbering
47	IS 9000 (Part 4):2020 IEC 60068-2-78 : 2012 Reviewed In : 2023 IEC 60068-2-78 : 2012	Environmental Testing Part 4 Tests - Test Cab: Damp Heat, Steady State ( Second Revision )	December, 2023	-	Identical under dual numbering
48	IS 9000 (Part 7/Sec 1):2018 IEC 60068-2-27 : 2008 Reviewed In : 2024 IEC 60068-2-27: 2008	Basic environmental testing procedures for electronic and electrical items: Part 7 impact test: Sec 1 shock (Test Ea) (Second Revision)	November, 2024	-	Identical under dual numbering
49	IS 9000 (Part 7/Sec 3):2019 IEC 60068-2-31 : 2008 Reviewed In : 2025 IEC 60068-2-31 : 2008	Environmental testing: Part 7 tests :: Sec 3 test Ec: rough handling shocks, primarily for equipment - Types specimens (First Revision)	January, 2025	-	Identical under dual numbering
50	IS 9000 (Part 7/Sec 7):2020 IEC 60068-2-75 : 2014 Reviewed In : 2023 IEC 60068-2-75:2014	Environmental Testing Part 7 Tests Section 7 Test Eh: Hammer tests ( First Revision )	December, 2023	-	Identical under dual numbering
51	IS 9001 (Part 20):2010 IEC 60068-3-11: 2007 Reviewed In : 2022 IEC 60068-3-11: 2007	Guidance for environmental testing: Part 20 calculation of uncertainty of conditions in climatic test chambers	October, 2022	-	Identical under dual numbering
52	IS 9002 (Part 3):1979 Reviewed In : 2022	Specification for Equipment for environmental tests for electronic and electrical items: Part 3 humidity chamber	October, 2022	-	Indigenous
53	IS 9002 (Part 6):1980 Reviewed In : 2022	Specification for equipment for environmental tests for electronic and electrical items: Part 6 constant relative humidity chamber (Non - Injection Type)	October, 2022	-	Indigenous

## Standards under Development

### Projects Approved

Sl. No.	Doc No.	Title
No Records Found		

### Preliminary Draft Standards

Sl. No.	Doc No.	Title
1	LITD 1 (28560)	Environmental Testing Fine mist
2	LITD 1 (28561) Revision of: IS 9002:1979	Specification for Equipment for Environmental Tests for Electronic and Electrical Items Part 3 Humidity Chamber First Revision
3	LITD 1 (28562) Revision of: IS 9002:1980	Specification for Equipment for Environmental Tests for Electronic and Electrical Items Part VI Constant Relative Humidity Chamber Non-Injection Type First Revision

### Drafts Standards in WC Stage

Sl. No.	Doc No.	Title
No Records Found		

### Draft Standards Completed WC Stage

Sl. No.	Doc No.	Title
1	LITD 1 (27128)	Classification of Environmental Conditions Part 3 Classification of groups of environmental parameters and their severities Section 4 Stationary use at non- weatherprotected locations Amendment - 1
2	LITD 1 (27129)	Classification of Environmental Conditions Part 3 Classification of groups of environmental parameters and their severities Section 2 Transportation and Handling Amendment - 3
3	LITD 1 (28075)	Environmental Testing Part 2 Tests Section 11 Test Ka - Salt mist

### Finalized Draft Indian Standard

Sl. No.	Doc No.	Title
No Records Found		

### Finalized Draft Indian Standards under Print

Sl. No.	Doc No.	Title
No Records Found		

Total Published Standards:49 Total Standards Under development:6

## Aspect Wise Report

Product : 0  
 Code of Practices : 16  
 Methods of Test : 33  
 Terminology : 3  
 Dimensions : 0  
 System Standard : 0  
 Safety Standard : 0  
 Others : 0  
 Service Specification : 0  
 Process Specification : 0  
 Unclassified : 0



## Annexure-I :List of Indian Standards Withdrawn/Superseded

Sl. No.	IS No. & Year	Title
1	IS 11000 (Part 1/Sec 1):1988 Reviewed In : 2021	Fire Hazard Testing Part 1 Guidance For The Preparation Of Requirements And Test Specifications For Assessing Fire Hazard Of Electronic And Electrical Items Sec 1 General Guidance
2	IS 11000 (Part 1/Sec 2):1988 Reviewed In : 2021	Fire Hazard Testing Part 1 Guidance For The Preparation Of Requirements And Test Specifications For Assessing Fire Hazard Of Electronic And Electrical Items Sec 2 Guidance For Electronic Components
3	IS 11000 (Part 1/Sec 3):1993 IEC 60695-1-3: 1986 Reviewed In : 2021 IEC 60695-1-3: 1986	Fire hazard testing Part 1 guidance for the preparation of requirements test specifications for assessing fire hazard of electronic and electrical items - Sec 3 guidance for use of preselection procedures
4	IS 11000 (Part 1/Sec 40):2015 IEC 60695-1-40:2013 Reviewed In : 2018 IEC 60695-1-40:2002	Fire hazard testing Part 1 guidance for assessing the fire hazard of electrotechnical products Sec 40 insulating liquids
5	IS 11000 (Part 2/Sec 1):2018 IEC 60695-2-10 : 2013 Reviewed In : 2021 IEC 60695-2-10: 2013	Fire hazard testing Part 2 test methods Sec 1 glow - Wire apparatus and common test procedure Second Revision
6	IS 11000 (Part 2/Sec 2):2008 IEC 60695-11-5: 2004 Reviewed In : 2019 IEC 60695-11-5: 2004	Fire hazard testing Part 2 test methods Sec 2 needle - Flame test method - Apparatus cofirmatory test arrangement and guidance First Revision
7	IS 11000 (Part 2/Sec 3):1994 IEC 60695-2-3: 1984 Reviewed In : 2021 IEC 60695-2-3: 1984	Fire hazard testing Part 2 test methods Sec 3 bad - Connection test with heaters
8	IS 11000 (Part 3/Sec 1):1993 IEC Reviewed In : 2021 IEC 60695 Part 3 Sec 1:1982	Fire hazard testing Part 3 example of fire hazard assessment procedures and interpretation of results Sec 1 combustion characteristics and survey of test methods for their determination
9	IS 13736 (Part 2/Sec 4):1993 IEC 60721-2-4: 1987 Reviewed In : 2018 IEC 60721-2-4: 1987	Classification of environmental conditions Part 2 environmental conditions appearing in nature Sec 4 solar radiation and temperature
10	IS 13736 (Part 2/Sec 7):1993 IEC 60721-2-7: 1987 Reviewed In : 2018 IEC 60721-2-7: 1987	Classification of environmental conditions Part 2 environmental conditions appearing in nature Sec 7 fauna and flora
11	IS 13736 (Part 3/Sec 0):1993 IEC 60721-3-0: 1984 Reviewed In : 2018 IEC 60721-3-0: 1984	Classification of environmental conditions Part 3 classification of groups of environmental parameters and their severities Sec 0 Introduction
12	IS 13736 (Part 3/Sec 1):1993 IEC 60695-3-1: 1987 Reviewed In : 2018 IEC 60721-3-1: 1987	Classification of environmental conditions Part 3 classification of groups of environmental parameters and their severities Sec 1 storage



13	IS 13736 (Part 3/Sec 2):1993 IEC 60721-3-2: 1985 Reviewed In : 2018 IEC 60721-3-2: 1985	Classification of environmental conditions Part 3 classification of groups of environmental parameters and their severities Sec 2 transportation
14	IS 13736 (Part 3/Sec 3):1993 IEC 60721-3-3: 1987 Reviewed In : 2018 IEC 60721-3-3: 1987	Classification of environmental conditions Part 3 classification of groups of environmental parameters and their severities Sec 3 stationary use at weatherprotected locations
15	IS 13736 (Part 3/Sec 4):1993 IEC 60721-3-4: 1987 Reviewed In : 2018 IEC 60721-3-4: 1987	Classification of environmental conditions Part 3 classification of groups of environmental parameters and their severities Sec 4 stationary use at non - Weather protected locations
16	IS 13736 (Part 3/Sec 5):1993 IEC 60721-3-5: 1985 Reviewed In : 2018 IEC 60721-3-5: 1985	Classification of environmental conditions Part 3 classification of groups of environmental parameters and their severities Sec 5 ground vehicle installations
17	IS 13736 (Part 3/Sec 7):1993 IEC 60721-3-7: 1987 Reviewed In : 2018 IEC 60721-3-7: 1987	Classification of environmental conditions Part 3 classification of groups of environmental parameters and their severities Sec 7 portABLE and non - Stationary use
18	IS 9000 (Part 1):1988 Reviewed In : 2019	Basic environmental testing procedures for electronic and electrical items Part 1 general First Revision
19	IS 9000 (Part 2/Sec 14):1977 Reviewed In : 2019	Basic environmental testing procdures for electronic and electrical items Part 2 cold test
20	IS 9000 (Part 3/Sec 15):1977 Reviewed In : 2022	Basic environmental testing procedures for electronic and electrical items Part 3 dry heat test
21	IS 9000 (Part 5/Sec 12):1981 Reviewed In : 2022	Basic environmental testing procedures for electronic and electrical items Part 5 damp heat Cyclic test
22	IS 9000 (Part 6):1978 Reviewed In : 2019	Basic environmental testing procedures for electronic and electrical items Part 6 composite temperature humidity cyclic test
23	IS 9000 (Part 7/Sec 6):1988 Reviewed In : 2021	Basic environmental testing procedures for electronic and electrical items Part 7 impact test Sec 6 test ee bounce
24	IS 9000 (Part 7/Sec 15):1979 Reviewed In : 2019	Basic environmental testing procedures for electronic and electrical items Part 7 impact test
25	IS 9000 (Part 8):1981 Reviewed In : 2021	Basic environmental testing procedures for electronic and electrical items Part 8 vibration Sinusoidal test
26	IS 9000 (Part 9):1984 Reviewed In : 2021	Basic environmental testing procedures for electronic and electrical items Part 9 acceleration Steady State test
27	IS 9000 (Part 10):1979 Reviewed In : 2021	Basic environmental testing procedures for electronic and electrical items Part 10 mould growth test
28	IS 9000 (Part 11):1983 Reviewed In : 2019	Basic environmental testing procedures for electronic and electrical items Part 11 salt mist test
29	IS 9000 (Part 12):1981 Reviewed In : 2019	Basic environmental testing procedures for electronic and electrical items Part 12 dust test
30	IS 9000 (Part 13):1981 Reviewed In : 2019	Basic environmental testing procedures for electronic and electrical items Part 13 low air pressure test
31	IS 9000 (Part 14/Sec 13):1988 Reviewed In : 2021	Basic environmental testing procedures for electronic and electrical items Part 14 test n change of temperature First Revision
32	IS 9000 (Part 15/Sec	Basic environmental testing procedures for electronic and electrical items Part 15 sealing test

	19):1982 Reviewed In : 2019	
33	IS 9000 (Part 16):1983 Reviewed In : 2022	Basic environmental testing procedures for electronic and electrical items Part 16 driving rain test
34	IS 9000 (Part 17):1985 Reviewed In : 2019	Basic environmental testing procedures for electronic and electrical items Part 17 radiation test First Revision
35	IS 9000 (Part 20):1979 Reviewed In : 2022	Basic environmental testing procedures for electronic and electrical items Part 20 resistance to cleaning solvents and permanence of markings
36	IS 9000 (Part 21):1985 Reviewed In : 2022	Basic environmental testing procedures for electronic electrical items Part 21 acoustics noise test
37	IS 9000 (Part 22):1983 Reviewed In : 2019	Basic environmental testing procedures for electronic and electrical items Part 22 fine mist test
38	IS 9000 (Part 23):1984 Reviewed In : 2022	Basic environmental testing procedures for electronic and electrical items Part 23 drip proof test
39	IS 9000 (Part 27):1986 Reviewed In : 2019	Basic environmental testing procedures for electronic and electrical items Part 27 ultrasonic cleaning test
40	IS 9000 (Part 31):1978 Reviewed In : 2019	Basic environmental testing procedures for electronic and electrical items Part 31 combined cold low air pressure tests
41	IS 9000 (Part 32):2006 IEC 60068-4: 1987 Reviewed In : 2019 IEC 60068-4: 1987	Basic environmental testing procedures for electronic and electrical items Part 32 information for specification writers - Test summaries
42	IS 9001 (Part 1):1984 Reviewed In : 2019 IEC 60068-1 : 1982	Guidance for environmental testing Part 1 General
43	IS 9001 (Part 2):1977 Reviewed In : 2019 IEC 60068-3 -1 : 1974	Guidance for environmental testing Part 2 cold and dry heat tests
44	IS 9001 (Part 3):1978 Reviewed In : 2019 IEC 60068-2-33 : 1971	Guidance for environmental testing Part 3 change of temperature
45	IS 9001 (Part 4):1979 Reviewed In : 2019 IEC 60068-2-28	Guidance for environmental testing Part 4 damp heat tests
46	IS 9001 (Part 5):1979 Reviewed In : 2022	Guidance for environmental testing Part 5 resistance to cleaning solvents and permanence of markings
47	IS 9001 (Part 8):1982 Reviewed In : 2019	Guidance for environmental testing Part 8 sealing test
48	IS 9001 (Part 10):1975 Reviewed In : 2019	Guidance for environmental testing Part 10 mould growth test
49	IS 9001 (Part 11):1973 Reviewed In : 2019	Guidance for environmental testing Part 11 solar radiation test
50	IS 9001 (Part 12):1977 Reviewed In : 2019	Guidance for environmental testing Part 12 mounting of electronic and electrical items for dynamic tests
51	IS 9001 (Part 13):1981 Reviewed In : 2021	Guidance for environmental testing Part 13 vibration Sinusoidal test
52	IS 9001 (Part 14):1981 Reviewed In : 2021	Guidance for environmental testing Part 14 storage tests
53	IS 9001 (Part 15):1984 Reviewed In : 2022	Guidance for environmental testing Part 15 acceleration Steady State test
54	IS 9001 (Part 16):1985 Reviewed In : 2022	Guidance for environmental testing Part 16 acoustic noise test
55	IS 9001 (Part 17/Sec 5):1988 Reviewed In : 2019	Guidance for environmental testing Part 17 impact test Sec 5 bounce
56	IS 9001 (Part 17/Sec 14):1985 Reviewed In : 2019	Guidance for environmental testing Part 17 impact test
57	IS 9001 (Part 18):1986	Guidance for environmental testing Part 18 ultrasonic cleaning test

	Reviewed In : 2019	
58	IS 9001 (Part 19):2006 Reviewed In : 2019	Guidance for environmental testing Part 19 salt mist test
59	IS 9002 (Part 1):1977 Reviewed In : 2019	Specification for Equipment for environmental tests for electronic and electrical items Part 1 chamber for cold test
60	IS 9002 (Part 2):1977 Reviewed In : 2019	Specification for Equipment and environmental tests for electronic and electrical items Part 2 chamber for dry heat test
61	IS 9002 (Part 4):1979 Reviewed In : 2019	Specification for equipment for environmental tests for electronic and electrical items Part 4 chamber for mould growth test
62	IS 9002 (Part 5):1979 Reviewed In : 2019	Specification for equipment for environmental tests for electronic and electrical items Part 5 equipment for vibration Sinusoidal test
63	IS 9002 (Part 7):1983 Reviewed In : 2022	Specification for equipment for environmental tests for electronic and electrical items Part 7 bump test machine
64	IS 9002 (Part 8):1984 Reviewed In : 2019	Specification for equipment for environmental tests for electronic and electrical items Part 8 dust chamber
65	IS 9002 (Part 9):1984 Reviewed In : 2022	Specification for equipment for environmental tests for electronic and electrical items Part 9 acceleration Steady State test machine
66	IS 9002 (Part 10/Sec 1):1985 Reviewed In : 2019	Specification for equipment for environmental tests for electronic and electrical items Part 10 shock test machine Sec 1 free fall type
67	IS 9002 (Part 11):1984 Reviewed In : 2022	Specification for equipment for environmental tests for electronic and electrical items Part 11 drop toppling and free fall test machine platform
68	IS 9002 (Part 12):1986 Reviewed In : 2019	Specification for equipment for environmental tests for electronic and electrical items Part 12 salt mist fine mist chamber
69	IS 9002 (Part 13/Sec 1):1985 Reviewed In : 2022	Specification for equipment for environmental tests for electronic and electrical items Part 13 equipment for change of temperature test Sec 1 two chamber system
70	IS 9002 (Part 13/Sec 3):1985 Reviewed In : 2022	Specification for equipment for environmental tests for electronic and electrical items Part 13 equipment for change of temperature test Sec 3 two baths
71	IS 9002 (Part 14):1985 Reviewed In : 2019	Specification for equipment for environmental tests for electronic and electrical items Part 14 low air pressure chamber
72	IS 9002 (Part 15):1988 Reviewed In : 2021	Specification for equipment for environmental tests for electronic and electrical items Part 15 low air pressure and temperature chamber

#### Annexure-II :List of Indian Product Standards

Sl. No.	IS No. & Year	Title
No Records Found		