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 **IEC TC-104 (P):** Climatic field data including

validation IEC TC-104 (P): Dynamic field data including validation

Published Standards

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

	IEC 60695-4:2021	Tests for Electrotechnical Products	1	1	I
	IEC 60695-4:2021	(Third Revision)			
7	IS/IEC 60068-1:	Environmental Testing Part 1		-	Identical under single
	2013	General and Guidance			numbering
	IEC 60068-1:2013				
	IEC 60068-1:2013				
8	IS/IEC 60068-2-1):	Environmental Testing Part 2 Tests		-	Identical under single
	2007	Section 1 Test A: Cold			numbering
	IEC 60068-2-1:2007				
	IEC 60068 -Part 2-1				
	: 2007				
9	IS/IEC 60068-2-2):	Environmental Testing Part 2:		_	Identical under single
	2007	Tests - Test B Section 2: Dry Heat			numbering
	IEC 60068-2-2:2007	•			
	IEC				
	60068-2-2:2007				
10		Environmental Testing Part 2 Tests		_	Identical under single
	2018	Section 5 Test S: Simulated solar			numbering
	IEC 60068-2-5:2018				numbering
	IEC 00008-2-3.2018	ε			
	60068-2-5:2018	guidance for solar radiation testing			
11		and weathering Environmental Testing Part 2 Tests			Identical unden sinele
11		C		-	Identical under single
	2007	Section 6 Test Fc: Vibration			numbering
	IEC 60068-2-6:2007	sinusoidal			
	IEC 60068-2-6:				
<u> </u>	2007				
12	IS/IEC 60068-2-7):	Basic Environmental Testing		-	Identical under single
	1983	Procedures Part 2: Tests - Test Ga			numbering
	IEC 60068-2-7:1983	and Guidance Section 7:			
	IEC	Acceleration Steady State			
	60068-2-7:1983				
13	IS/IEC 60068-2-10)	Environmental testing - Part 2-10:		-	Identical under single
	: 2018	Tests - Test J and guidance: Mould			numbering
	IEC	growth			
	60068-2-10:2018				
	IEC				
	60068-2-10:2018				
14	IS/IEC 60068-2-13)	Environmental Testing Part 2 Tests		-	Identical under single
	: 2021	Section 13 Test M: Low air			numbering
	IEC	pressure			Č
	60068-2-13:2021	1			
	IEC				
	60068-2-13:2021				
15		Environmental testing Part 2: Tests		_	Identical under single
	: 2009	Section 14: Test N: Change of			numbering
1	IEC 60068 Part	temperature			iisiiiooiiiig
1	2/Sec 14:2009	Competature			
1	IEC 60068 Part				
1	2/Sec 14:2009				
16	IS/IEC 60068-2-17)	Basic environmental testing	+		Identical under single
10	, , , , , , , , , , , , , , , , , , ,	_		-	
1	: 1994	procedures Part 2: Tests Section			numbering
1	IEC	17: Test Q: Sealing			
	60068-2-17:1994				
	IEC				
<u> </u>	60068-2-17:1994				
17		Environmental testing Part 2: Tests		-	Identical under single
1	: 2017	Section 18 Test R and guidance:			numbering
1	IEC	Water			
1	60068-2-18:2017				
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1	l	1	ı		
	IEC				
10	60068-2-18:2017	Francisco de la casima Dant 2 Tanta			T.1
18	: 2005	Environmental testing Part 2 Tests Section 30 Test Db: Damp heat		-	Identical under single
	: 2003 IEC	cyclic 12 h 12 h cycle			numbering
	60068-2-30:2005	Cyclic 12 ii 12 ii cycle			
	IEC				
	60068-2-30:2005				
19		Environmental Testing Part 2 Tests		-	Identical under single
	: 2021	Section 5 Test ZAD: Composite			numbering
	IEC	TemperatureHumidity Cyclic test			8
	60068-2-38:2021				
	IEC				
	60068-2-38:2021				
20	IS/IEC 60068-2-45)	Basic environmental testing		-	Identical under dual
	: 1980	procedures Part 2 Tests Test XA			numbering
	IEC 60068-2-45:	and guidance Sec 45 Immersion in			
	1980	cleaning solvents			
	ISO 8362-1:2018				**
21		Environmental Testing Part 2 Tests		-	Identical under single
	: 2005	Section 47 Mounting of specimens			numbering
	IEC 60068-2-47:2005	for vibration impact and similar dynamic tests			
	IEC	dynamic tests			
	60068-2-47:2005				
22		Environmental testing Part 2: Tests		_	Identical under single
	: 2013	Section 55 Test Ee and guidance			numbering
	IEC	Loose cargo testing including			
	60068-2-55:2013	bounce			
	IEC				
	60068-2-55:2013				
23	· ·	Environmental testing Part 2: Tests		-	Identical under single
	: 2013	Section 65: Test Fg: Vibration -			numbering
	IEC 60068-2-65:	Acoustically induced method			
	2013				
	IEC 60068-2-65:				
24	2013	Environmental testing Part 2: Tests			Identical under single
24	: 1994	Section 68 Test L: Dust and sand		-	numbering
	IEC	Section of Test E. Dust and sand			numbering
	60068-2-68:1994				
	IEC				
	60068-2-68:1994				
25	IS/IEC 60068-3-1):	Environmental testing Part 3		-	Identical under single
	2023	Supporting documentation and			numbering
	IEC 60068-3-1:2023	guidance section -1: Cold and dry			
	IEC	heat tests			
<u></u>	60068-3-1:2023	—			*1
26	IS/IEC 60068-3-4):	e		-	Identical under single
	2023	Supporting documentation and			numbering
	IEC 60068-3-4:2023	guidance Section - 4: Damp heat tests First Revision			
	IEC 60068-3-4:2023	tesis fiisi kevision			
27	IS/IEC 60695-1-10)	Fire Hazard Testing Part 1		_	Identical under single
-	: 2016	Guidance for assessing the fire		-	numbering
		hazard of electrotechnical products			g
	60695-1-10:2016	Section 10 General Guidelines			
	IS/IEC				
L	60695-1-10:2016				

1 20	IS/IEC 60695-1-11)	Eins Hanand Tasting Bont 1		I	Tidanti aal aandaa ain ala
28	/	ε		-	Identical under single
	: 2014 IEC	Guidance for assessing the fire			numbering
		hazard of electrotechnical products			
		Section 11 Fire Hazard Assessment			
	IEC				
120	60695-1-11:2014	Pine Hand Trading Day 1			I donal and an about
29	IS/IEC 60695-1-30)	Fire Hazard Testing Part 1		-	Identical under single
	: 2017	Guidance for assessing the fire			numbering
		hazard of electrotechnical products			
	60695-1-30:2017	Section 30 Preselection testing			
	IEC	process General guidelines			
	60695-1-30:2017				+
30	IS/IEC 60695-1-40)	Fire Hazard Testing Part 1		-	Identical under dual
	: 2013	Guidance for assessing the fire			numbering
	IEC 60695-1-40:	hazard of electro technical			
	2013	products Section 40 Insulating			
	IEC 60695-1-40:	Liquids			
	2013				
31	IS/IEC 60695-2-10)	Fire hazard testing Part 2:		-	Identical under single
	: 2021	Glowinghot-wire based test			numbering
	IEC	methods Section 10: Glow-wire			
	60695-2-10:2021	apparatus and common test			
	IEC	procedure			
	60695-2-10:2021				
32	IS/IEC 60695-2-12)	Fire Hazard Testing Part 2:		-	Identical under single
	: 2021	Glowinghot-wire based test			numbering
	IEC	methods Section 12: Glow-wire			
	60695-2-12:2021	flammability index GWFI Test			
	IEC	method for materials			
	60695-2-12:2021				
33	IS/IEC 60695-2-13)	Fire Hazard Testing Part 2		-	Identical under single
	: 2021	GlowingHot wire based test			numbering
	IEC	methods Section 13 Glow-wire			
	60695-2-13:2021	ignition temperature GWIT test			
	IEC	method for materials			
	60695-2-13:2021				
34	IS/IEC 60695-2-11)	Fire Hazard Testing Part 2:		-	Identical under single
	: 2021	Glowinghot-wire based test			numbering
	IEC	methods Section 11: Glow-wire			
	60695-2-11:2021	flammability test method for end			
	IEC	products GWEPT			
	60695-2-11:2021				
35	IS/IEC 60695-10-2 :	Fire hazard testing: Part 10	May, 2022	-	Identical under single
	2014	Abnormal heat: Sec 2 ball pressure			numbering
	IEC 60695-10-2:	test method			
	2014				
	Reviewed In: 2022				
	IEC 60695-10-2				
36	IS/IEC 60695-11-5 :	Fire Hazard Testing Part 11 Test	December, 2023	-	Identical under single
	2016	Flames Section 5 Needle - Flame			numbering
	IEC 60695-11-5:	test method - Apparatus,			
	2016	confirmatory test arrangement and			
	Reviewed In: 2023	guidance (First Revision)			
	IEC				
	60695-11-5:2016				
37	IS/IEC 60695-11-10	S	May, 2022	-	Identical under single
	: 2013	flames :: Sec 10 50 w horizontal			numbering
	IEC 60695-11-10:	and vertical flame test methods			
	2013				
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	Reviewed In: 2022				
20	IEC 60695-11-10	Cl. (Cl.)			71 1 1 1
38	IS/IEC 60721-2-4):	Classification of Environmental		-	Identical under dual
	2018	Conditions Part 2 Environmental			numbering
	IEC 60721-2-4:2018	Conditions appearing in nature			
	IEC	Section 4 Solar Radiation and			
<u> </u>	60721-2-4:2018	Temperature			
39	IS/IEC 60721-2-7):	Classification of Environmental		-	Identical under dual
	2018	Conditions Part 2 Environmental			numbering
	IEC 60721-2-7:	Conditions appearing in nature			
	2018	Section 7 Flora and Fauna			
	IEC 60721-2-7:				
	2018				
40	IS/IEC 60721-3-0):	Classification of Environmental		-	Identical under dual
	2020	Conditions Part 3 Classification of			numbering
	IEC 60721-3-0:	groups of environmental			
	2020	parameters and their severities			
	IEC 60721-3-0:	Section 0 Introduction			
	2020				
41	IS/IEC 60721-3-1):	Classification of Environmental		-	Identical under dual
	2018	Conditions Part 3 Classification of			numbering
	IEC 60721-3-1:	groups of environmental			
	2018	parameters and their severities			
	IEC 60721-3-1:	Section 1 Storage			
	2018				
42	IS/IEC 60721-3-2):	Classification of Environmental		-	Identical under dual
	2018	Conditions Part 3 Classification of			numbering
	IEC 60721-3-2:	groups of environmental			
	2018	parameters and their severities			
	IEC 60721-3-2:	Section 1 Transportation and			
	2018	Handling			
43	IS/IEC 60721-3-3):	Classification of Environmental		-	Identical under dual
	2019	Conditions Part 3 Classification of			numbering
	IEC 60721-3-3:	groups of environmental			
	2019	parameters and their severities			
	IEC 60721-3-3:	Section 3 Stationary use at			
	2019	weatherprotected locations			
44	IS/IEC 60721-3-4):	Classification of Environmental		-	Identical under dual
	2019	Conditions Part 3 Classification of			numbering
	IEC 60721-3-4:	groups of environmental			
	2019	parameters and their severities			
	IEC 60721-3-4:	Section 4 Stationary use at non-			
	2019	weatherprotected locations			
45	IS/IEC 60721-3-5):	Classification of Environmental		-	Identical under dual
	1997	Conditions Part 3 Classification of			numbering
	IEC 60721-3-5:	groups of environmental			
	1997	parameters and their severities			
	IEC 60721-3-5:	Section 5 Ground Vehicle			
	1997	Installations			
46	IS/IEC 60721-3-7):	Classification of Environmental		-	Identical under dual
	2002	Conditions Part 3 Classification of			numbering
	IEC 60721-3-7:	groups of environmental			8
	1995	parameters and their severities			
	IEC 60721-3-7:	Section 7 Portable and non-			
	1995	stationary use			
47		Environmental Testing Part 4 Tests	December, 2023	_	Identical under dual
''	2020	- Test Cab: Damp Heat, Steady			numbering
	IEC 60068-2-78 :	State (Second Revision)			
	2012	(200010 1:010101)			
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	1				
	Reviewed In: 2023				
	IEC 60068-2-78:				
	2012				
48	IS 9000 (Part 7/Sec	Basic environmental testing	November, 2021	-	Identical under dual
	1):2018	procedures for electronic and			numbering
	IEC 60068-2-27:	electrical items: Part 7 impact test:			
	2008	Sec 1 shock (Test Ea) (Second			
	Reviewed In: 2021	Revision)			
	IEC 60068-2-27:	ŕ			
	2008				
49		Environmental testing: Part 7 tests	January, 2022	-	Identical under dual
	3):2019	:: Sec 3 test Ec: rough handling	• • • • • • • • • • • • • • • • • • • •		numbering
	IEC 60068-2-31 :	shocks, primarily for equipment -			
	2008	Types specimens (First Revision)			
	Reviewed In: 2022	Jr F ()			
	IEC 60068-2-31 :				
	2008				
50		Environmental Testing Part 7 Tests	December, 2023	-	Identical under dual
	7): 2020	Section 7 Test Eh: Hammer tests (2025 Total 1 (2025)		numbering
	IEC 60068-2-75 :	First Revision)			numoerms
	2014	i list itevision)			
	Reviewed In: 2023				
	IEC				
	60068-2-75:2014				
51	IS 9000 (Part 11):	Basic environmental testing	October, 2019	_	Indigenous
	1983	procedures for electronic and	0010001, 2017		margenous
	Reviewed In: 2019	electrical items: Part 11 salt mist			
	iteviewed in . 2019	test			
52	IS 9000 (Part 22):	Basic environmental testing	October, 2019	_	Indigenous
"-	1983	procedures for electronic and	0010001, 2017		margeneas
	Reviewed In: 2019	electrical items: Part 22 fine mist			
	iteviewed in : 2019	test			
53	IS 9001 (Part 19):	Guidance for environmental	October, 2019	_	Indigenous
	2006	testing: Part 19 salt mist test	0010001, 2017		margenous
	Reviewed In: 2019	testing. I are 15 sait mist test			
54	IS 9001 (Part 20):	Guidance for environmental	October, 2022	_	Identical under dual
	2010	testing: Part 20 calculation of	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1	numbering
	IEC 60068-3-11:	uncertainty of conditions in			
	2007	climatic test chambers			
	Reviewed In: 2022				
	IEC 60068-3-11:			1	
	2007				
55	IS 9002 (Part 3):	Specification for Equipment for	October, 2022	-	Indigenous
	1979	environmental tests for electronic			
	Reviewed In: 2022	and electrical items: Part 3			
		humidity chamber			
56	IS 9002 (Part 6):	Specification for equipment for	October, 2022	-	Indigenous
	1980	environmental tests for electronic	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		
		and electrical items: Part 6 constant			
		relative humidity chamber (Non -			
		Injection Type)		1	
		injection Type)		I	l .

Standards under Development

		Projects Approved			
SI. No.	SI. No. Doc No. Title				
No Records Found					

		Preliminary Draft Standards			
SI. No.	SI. No. Doc No. Title				
No Records Found					

		Drafts Standards in WC Stage			
SI. No.	SI. No. Doc No. Title				
No Records Found					

		Draft Standards Completed WC Stage			
SI. No.	SI. No. Doc No. Title				
No Records Found					

		Finalized Draft Indian Standard		
SI. No.	SI. No. Doc No. Title			
No Records Found				

	Finalized Draft Indian Standards under Print				
SI. No.	Doc No.	Title			
1	LITD 1 (25091) Revision	Environmental Testing - Part 2 Tests - Section 14 Test N Change of Temperature First Revision			
	of: IS/IEC 60068:2009				
2	LITD 1 (25092) Revision	Environmental Testing - Part 2 Tests Section 17 Test Q Sealing First Revision			
	of: IS/IEC 60068:1994				

Total Published Standards:53 Total Standards Under development:2

Aspect Wise Report

Product: 0
Code of Practices: 16
Methods of Test: 36
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

SI. No.	IS No. & Year	Title
1	IS 11000 (Part 1/Sec 1):	Fire Hazard Testing Part 1 Guidance For The Preparation Of Requirements And Test
	1988	Specifications For Assessing Fire Hazard Of Electronic And Electrical Items Sec 1 General
	Reviewed In: 2021	Guidance
2	IS 11000 (Part 1/Sec 2):	Fire Hazard Testing Part 1 Guidance For The Preparation Of Requirements And Test
	1988	Specifications For Assessing Fire Hazard Of Electronic And Electrical Items Sec 2 Guidance For
	Reviewed In: 2021	Electronic Components
3	IS 11000 (Part 1/Sec 3):	Fire hazard testing Part 1 guidance for the preparation of requirements test specifications for
	1993	assessing fire hazard of electronic and electrical items - Sec 3 guidance for use of preselection
	IEC 60695-1-3: 1986	procedures
	Reviewed In: 2021 IEC	

1	l products Sec
IEC 60695-1-40;2013 Reviewed In : 2018 IEC 60695-1-40;2002 Fire hazard testing Part 2 test methods Sec 1 glow - Wire apparatus and common Second Revision Second Revision	
Reviewed In : 2018 IEC 60095-1-40:2002 Fire hazard testing Part 2 test methods Sec 1 glow - Wire apparatus and common Second Revision Second Revision	
S	
S IS 11000 (Part 2/Sec 1) : 2018 Second Revision Second Revision	
2018 IEC 60695-2-10: 2013 Reviewed In: 2021 IEC 60695-2-10: 2013 Till 1000 (Part 2/Sec 2): 2008 IEC 60695-11-5: 2004 Reviewed In: 2019 IEC 60695-11-5: 2004 Reviewed In: 2019 IEC 60695-13: 1984 Reviewed In: 2021 IEC 60695-2-3: 1984 Reviewed In: 2021 IEC 60721-2-4: 1987 Reviewed In: 2018 IEC 60721-2-4: 1987 Reviewed In: 2018 IEC 60721-2-7: 1987 Reviewed In: 2018 IEC 60721-3-0: 1984 Reviewed In: 2018 IEC 60721-3-0: 1984	
IEC 60695-2-10: 2013 Reviewed In: 2021 IEC 60695-2-10: 2013 S 11000 (Part 2/Sec 2): 2008 IEC 60695-1-15: 2004 Reviewed In: 2019 IEC 60695-1-1-5: 2004 T 18 11000 (Part 2/Sec 3): 1994 IEC 60695-1-3: 1984 Reviewed In: 2021 IEC 60695-2-3: 1987 Reviewed In: 2018 IEC 60721-2-4: 1987 Sec 4 solar radiation and temperature Sec 4 solar radiation and temperature Sec 7 fauna and flora S 13736 (Part 2/Sec 7): 1993 IEC 60721-2-7: 1987 Reviewed In: 2018 IEC 60721-2-7: 1987 Reviewed In: 2018 IEC 60721-3-0: 1984 Reviewed In: 2018 IEC 60721-3-0	est procedure
Reviewed In : 2021 IEC 60695-2-10: 2013	
6	
S 11000 (Part 2/Sec 2): 2008 Fire hazard testing Part 2 test methods Sec 2 needle - Flame test method - Appara test arrangement and guidance First Revision	
2008 IEC 60695-11-5: 2004 Reviewed In : 2019 IEC 60695-11-5: 2004 7	
IEC 60695-11-5: 2004 Reviewed In: 2019 IEC 60695-11-5: 2004 7	us cofirmatory
Reviewed In : 2019 IEC 60695-11-5: 2004	
Fire hazard testing Part 2 test methods Sec 3 bad - Connection test with Fire hazard testing Part 2 test methods Sec 3 bad - Connection test with Fire hazard testing Part 2 test methods Sec 3 bad - Connection test with Fire hazard testing Part 2 test methods Sec 3 bad - Connection test with Fire hazard testing Part 2 test methods Sec 3 bad - Connection test with Fire hazard testing Part 2 test methods Sec 3 bad - Connection test with Fire hazard testing Part 2 test methods Sec 3 bad - Connection test with Fire hazard testing Part 2 test methods Sec 3 bad - Connection test with Fire hazard testing Part 2 test methods Sec 3 bad - Connection test with Fire hazard testing Part 2 test methods Sec 3 bad - Connection test with Fire hazard testing Part 2 test methods Sec 3 bad - Connection test with Fire hazard testing Part 2 test methods Sec 3 bad - Connection test with Fire hazard testing Part 2 test methods Sec 3 bad - Connection test with Fire hazard testing Part 2 test methods Sec 3 bad - Connection test with Fire hazard testing Part 2 test methods Sec 3 bad - Connection test with Fire hazard testing Part 2 test methods Sec 3 bad - Connection test with Fire hazard testing Part 2 test methods Sec 3 bad - Connection test with Fire hazard testing Part 2 test methods Sec 3 bad - Connection test with Fire hazard testing Part 2 test methods Sec 3 bad - Connection test with Fire hazard testing Part 2 test methods Sec 3 bad - Connection test with Fire hazard testing Part 2 test methods Sec 3 bad - Connection test with Fire hazard testing Part 2 test methods Sec 3 bad - Connection test with Fire hazard testing Part 2 test methods Sec 3 bad - Connection test with Fire hazard testing Part 2 test methods for the fire hazard assessment procedures and into results Sec 1 combustion characteristics and survey of test methods for their descriptions and survey of test methods for th	
Tight 1000 (Part 2/Sec 3) : 1994 IEC 60695-2-3: 1984 Reviewed In : 2021 IEC 60695-2-3: 1984 IEC 60695-2-3: 1984 Reviewed In : 2021 IEC 60695-2-3: 1984 IEC 60695-2-3: 1984 IEC 60695 Part 3 Sec 1: 1982 Fire hazard testing Part 3 example of fire hazard assessment procedures and into results Sec 1 combustion characteristics and survey of test methods for their de survey of	
1994 IEC 60695-2-3: 1984 Reviewed In : 2021 IEC 60695-2-3: 1984 8	
IEC 60695-2-3: 1984 Reviewed In : 2021 IEC 60695-2-3: 1984 8 IS 11000 (Part 3/Sec 1): 1993	eaters
Reviewed In: 2021 IEC 60695-2-3: 1984 8	
8 IS 11000 (Part 3/Sec 1): 1993 1EC Reviewed In: 2021 IEC 60695 Part 3 Sec 1:1982 9 IS 13736 (Part 2/Sec 4): 1993 1EC 60721-2-4: 1987 Reviewed In: 2018 IEC 60721-2-7: 1987 Reviewed In: 2018 IEC 60721-3-0: 1984 Reviewed In: 2018 IEC 60721-3-0: 1984 Reviewed In: 2018 IEC 60721-3-0: 1984	
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Reviewed In : 2021 IEC 60695 Part 3 Sec 1:1982	ermination
60695 Part 3 Sec 1:1982 9 IS 13736 (Part 2/Sec 4):	
Sec 4 solar radiation and temperature 1993 IEC 60721-2-4: 1987 Reviewed In: 2018 IEC 60721-2-4: 1987 IS 13736 (Part 2/Sec 7): 1993 IEC 60721-2-7: 1987 Reviewed In: 2018 IEC 60721-2-7: 1987 IS 13736 (Part 3/Sec 0): 1993 IEC 60721-3-0: 1984 Reviewed In: 2018 IEC 60721-3-0: 1984	
1993 IEC 60721-2-4: 1987 Reviewed In: 2018 IEC 60721-2-4: 1987 10 IS 13736 (Part 2/Sec 7): 1993 IEC 60721-2-7: 1987 Reviewed In: 2018 IEC 60721-2-7: 1987 Reviewed In: 2018 IEC 60721-2-7: 1987 11 IS 13736 (Part 3/Sec 0): 1993 IEC 60721-3-0: 1984 Reviewed In: 2018 IEC 60721-3-0: 1984	
IEC 60721-2-4: 1987 Reviewed In : 2018 IEC 60721-2-4: 1987 10	ring in nature
Reviewed In: 2018 IEC 60721-2-4: 1987 10 IS 13736 (Part 2/Sec 7): 1993	
10 IS 13736 (Part 2/Sec 7): 1993 Sec 7 fauna and flora IEC 60721-2-7: 1987 Reviewed In: 2018 IEC 60721-2-7: 1987 IS 13736 (Part 3/Sec 0): 1993 IEC 60721-3-0: 1984 Reviewed In: 2018 IEC 60721-3-0: 1984	
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1993 IEC 60721-2-7: 1987 Reviewed In: 2018 IEC 60721-2-7: 1987 11 IS 13736 (Part 3/Sec 0): 1993 IEC 60721-3-0: 1984 Reviewed In: 2018 IEC 60721-3-0: 1984	
IEC 60721-2-7: 1987 Reviewed In: 2018 IEC 60721-2-7: 1987 IS 13736 (Part 3/Sec 0): 1993 IEC 60721-3-0: 1984 Reviewed In: 2018 IEC 60721-3-0: 1984	ring in nature
Reviewed In: 2018 IEC 60721-2-7: 1987 IS 13736 (Part 3/Sec 0): 1993 IEC 60721-3-0: 1984 Reviewed In: 2018 IEC 60721-3-0: 1984	
11 IS 13736 (Part 3/Sec 0): 1993 IEC 60721-3-0: 1984 Reviewed In: 2018 IEC 60721-3-0: 1984	
IS 13736 (Part 3/Sec 0): 1993 IEC 60721-3-0: 1984 Reviewed In: 2018 IEC 60721-3-0: 1984	
1993 parameters and their severities Sec 0 Introduction IEC 60721-3-0: 1984 Reviewed In: 2018 IEC 60721-3-0: 1984	
IEC 60721-3-0: 1984 Reviewed In : 2018 IEC 60721-3-0: 1984	rironmental
Reviewed In : 2018 IEC 60721-3-0: 1984	
60721-3-0: 1984	
12 IS 13736 (Part 3/Sec 1): Classification of environmental conditions Part 3 classification of groups of en	ironmental
parameters and their severities Sec 1 storage	
IEC 60695-3-1: 1987	
Reviewed In: 2018 IEC	
60721-3-1: 1987	•
13 IS 13736 (Part 3/Sec 2): Classification of environmental conditions Part 3 classification of groups of en	ironmental
parameters and their severities Sec 2 transportation	
IEC 60721-3-2: 1985	
Reviewed In: 2018 IEC	
60721-3-2: 1985 14 IS 13736 (Part 3/Sec 2): Classification of anyiranmental conditions Part 3 classification of groups of an	rironmantal
14 IS 13736 (Part 3/Sec 3): Classification of environmental conditions Part 3 classification of groups of en	
parameters and their severities Sec 3 stationary use at weatherprotected loc	auons
IEC 60721-3-3: 1987 Parity and In : 2018 IEC	
Reviewed In: 2018 IEC	
60721-3-3: 1987	
15 IS 13736 (Part 3/Sec 4): Classification of environmental conditions Part 3 classification of groups of en	
parameters and their severities Sec 4 stationary use at non - Weather protected	iocations
IEC 60721-3-4: 1987	

	Reviewed In : 2018 IEC 60721-3-4: 1987	
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 12) : 1981 Reviewed In : 2019	Basic environmental testing procedures for electronic and electrical items Part 12 dust test
29	IS 9000 (Part 13) : 1981 Reviewed In : 2019	Basic environmental testing procedures for electronic and electrical items Part 13 low air pressure test
30	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
31	IS 9000 (Part 15/Sec 19): 1982 Reviewed In: 2019	Basic environmental testing procedures for electronic and electrical items Part 15 sealing test
32	IS 9000 (Part 16) : 1983 Reviewed In : 2022	Basic environmental testing procedures for electronic and electrical items Part 16 driving rain test
33	IS 9000 (Part 17) : 1985 Reviewed In : 2019	Basic environmental testing procedures for electronic and electrical items Part 17 radiation test First Revision
34	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
35	IS 9000 (Part 21): 1985 Reviewed In: 2022	Basic environmental testing procedures for electronic electrical items Part 21 acoustics noise test
36	IS 9000 (Part 23): 1984 Reviewed In: 2022	Basic environmental testing procedures for electronic and electrical items Part 23 drip proof test
37	IS 9000 (Part 27): 1986 Reviewed In: 2019	Basic environmental testing procedures for electronic and electrical items Part 27 ultrasonic cleaning test

38	IS 9000 (Part 31): 1978 Reviewed In: 2019	Basic environmental testing procedures for electronic and electrical items Part 31 combined collow air pressure tests
39	IS 9000 (Part 32) : 2006	Basic environmental testing procedures for electronic and electrical items Part 32 information for
	IEC 60068-4: 1987	specification writers - Test summaries
	Reviewed In: 2019 IEC	specification writers Test summaries
	60068-4: 1987	
40	IS 9001 (Part 1): 1984	Guidance for environmental testing Part 1 General
40	Reviewed In: 2019 IEC	Guidance for chynolinichtal testing fait i General
	60068-1:1982	
41	IS 9001 (Part 2): 1977	Cuidan as for an incommental testing Dant 2 and and drug hoot tests
41	` '	Guidance for environmental testing Part 2 cold and dry heat tests
	Reviewed In: 2019 IEC	
10	60068-3 -1 : 1974	
42	IS 9001 (Part 3): 1978	Guidance for environmental testing Part 3 change of temperature
	Reviewed In: 2019 IEC	
	60068-2-33 : 1971	
43	IS 9001 (Part 4): 1979	Guidance for environmental testing Part 4 damp heat tests
	Reviewed In: 2019 IEC	
	60068-2-28	
44	IS 9001 (Part 5): 1979	Guidance for environmental testing Part 5 resistance to cleaning solvents and permanence of
	Reviewed In: 2022	markings
45	IS 9001 (Part 8): 1982	Guidance for environmental testing Part 8 sealing test
	Reviewed In: 2019	
46	IS 9001 (Part 10): 1975	Guidance for environmental testing Part 10 mould growth test
	Reviewed In: 2019	
47	IS 9001 (Part 11): 1973	Guidance for environmental testing Part 11 solar radiation test
- T /	Reviewed In: 2019	
48	IS 9001 (Part 12): 1977	Guidance for environmental testing Part 12 mounting of electronic and electrical items for
10	Reviewed In: 2019	dynamic tests
49	IS 9001 (Part 13): 1981	Guidance for environmental testing Part 13 vibration Sinusoidal test
77	Reviewed In : 2021	Outdance for environmental testing fact 15 vioration sinusoidal test
50	IS 9001 (Part 14): 1981	Guidance for environmental testing Part 14 storage tests
30	Reviewed In : 2021	Guidance for chynolinichtal testing i art 14 storage tests
51	IS 9001 (Part 15): 1984	Guidance for environmental testing Part 15 acceleration Steady State test
31	No. of the second secon	Guidance for environmental testing Part 15 acceleration steady state test
52	Reviewed In : 2022	Children on four environmental testing Don't 16 according noise test
32	IS 9001 (Part 16): 1985	Guidance for environmental testing Part 16 acoustic noise test
	Reviewed In: 2022	0.11 0 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
53	IS 9001 (Part 17/Sec 5):	Guidance for environmental testing Part 17 impact test Sec 5 bounce
	1988	
	Reviewed In: 2019	
54	IS 9001 (Part 17/Sec 14):	Guidance for environmental testing Part 17 impact test
	1985	
	Reviewed In: 2019	
55	IS 9001 (Part 18): 1986	Guidance for environmental testing Part 18 ultrasonic cleaning test
	Reviewed In: 2019	
56	IS 9002 (Part 1): 1977	Specification for Equipment for environmental tests for electronic and electrical items Part 1
	Reviewed In: 2019	chamber for cold test
57	IS 9002 (Part 2): 1977	Specification for Equipment and environmental tests for electronic and electrical items Part 2
	Reviewed In: 2019	chamber for dry heat test
58	IS 9002 (Part 4): 1979	Specification for equipment for environmental tests for electronic and electrical items Part 4
	Reviewed In: 2019	chamber for mould growth test
59	IS 9002 (Part 5): 1979	Specification for equipment for environmental tests for electronic and electrical items Part 5
J)	Reviewed In : 2019	equipment for vibration Sinusoidal test
60	IS 9002 (Part 7): 1983	Specification for equipment for environmental tests for electronic and electrical items Part 7 but
00	Reviewed In : 2022	
<i>C</i> 1		test machine
61	IS 9002 (Part 8): 1984	Specification for equipment for environmental tests for electronic and electrical items Part 8 d
61	Davis 11. 0010	anomhar
	Reviewed In : 2019	chamber
62	Reviewed In : 2019 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

	1985	shock test machine Sec 1 free fall type
	Reviewed In: 2019	
64	IS 9002 (Part 11): 1984	Specifiction for equipment for environmental tests for electronic and electrical items Part 11 drop
	Reviewed In: 2022	toppling and free fall test machine platform
65	IS 9002 (Part 12): 1986	Specification for equipment for environmental tests for electronic and electrical items Part 12 salt
	Reviewed In: 2019	mist fine mist chamber
66	IS 9002 (Part 13/Sec 1):	Specification for equipment for environmental tests for electronic and electrical items Part 13
	1985	equipment for change of temperature test Sec 1 two chamber system
	Reviewed In: 2022	
67	IS 9002 (Part 13/Sec 3):	Specification for equipment for environmental tests for electronic and electrical items Part 13
	1985	equipment for change of temperature test Sec 3 two baths
	Reviewed In: 2022	
68	IS 9002 (Part 14): 1985	Specification for equipment for environmental tests for electronic and electrical items Part 14 low
	Reviewed In: 2019	air pressure chamber
69	IS 9002 (Part 15): 1988	Specification for equipment for environmental tests for electronic and electrical items Part 15 low
	Reviewed In: 2021	air pressure and temperature chamber

Annexure-II :List of Indian Product Standards

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