

BUREAU OF INDIAN STANDARDS

Program of Work

CED 36 : Fire Safety

Scope: Standardization in the Field of Fire Safety; Fire Precautions, Fire Resistance of Building Materials, Building Components Structures and Tests Connected therewith.

Liaison: **ISO TC-92 (P): Fire safety ISO TC-92 SC-1 (O): Fire initiation and growth ISO TC-92 SC-2 (O): Fire Resistance ISO TC-92 SC-3 (O): Fire threat to people and environment**

Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 11457 (Part 1) : 1985 <i>Reviewed In : 2021</i>	Code of practice for fire safety of chemical industries: Part 1 rubber and plastic	March, 2021	-	Indigenous
2	IS 11460 : 1985 <i>Reviewed In : 2021</i>	Code of practice for fire safety of libraries and archives	March, 2021	1	Indigenous
3	IS/ISO 11925-2 : 2020 ISO 11925-2 : 2020 <i>ISO 11925-2 : 2020</i>	Reaction to fire tests - Ignitability of products subjected to direct impingement of flame - Part 2: Single-flame source test		-	Identical under single numbering
4	IS 12349 : 1988 <i>Reviewed In : 2022</i> <i>ISO 6309:1987</i>	Fire protection-safety signs	January, 2022	-	Modified/Technically Equivalent
5	IS 12407 : 1988 <i>Reviewed In : 2022</i>	Graphic symbols for fire protection plans	September, 2022	-	Indigenous
6	IS 12456 : 2004 <i>Reviewed In : 2020</i>	Fire protection of electronic data processing installation - Code of practice (First Revision)	January, 2020	-	Indigenous
7	IS 12458 : 2019	Fire Resistance of Through Penetration Firestops - Method of Test (First Revision)	-	-	Indigenous
8	IS 12459 : 2024	Fire Safety in Cable Runs - Code of Practice (First Revision)		-	Indigenous
9	IS 12777 : 1989 <i>Reviewed In : 2021</i>	Method for classification of flame spread of products	March, 2021	-	Indigenous
10	IS 13045 : 1991 <i>Reviewed In : 2021</i>	Code of Practice for Fire Safety of Industrial Buildings : Flour Mills	March, 2021	-	
11	IS 13694 : 1993 <i>Reviewed In : 2022</i> Decision taken to Reaffirm and Archive	Code of practice for fire safety in iron and steel industries	September, 2022	1	
12	IS 13716 : 1993 <i>Reviewed In : 2022</i>	Code Of Practice For Fire Safety Of Hotels	September, 2022	1	
13	IS 14435 : 2013 <i>Reviewed In : 2023</i> Decision taken to Reaffirm and	Fire Safety in Educational Institutions - Code of Practice (First Revision)	September, 2023	-	

	Archive				
14	IS 14689 : 1999 Reviewed In : 2020	Code of practice for fire safety in industrial buildings (Printing And Publishing Industry)	January, 2020	-	Indigenous
15	IS 14850 : 2000 Reviewed In : 2021	Fire safety of museums - Code of practice	March, 2021	-	Indigenous
16	IS 15381 : 2021	Fire Blanket - Specification (First Revision)		-	Indigenous
17	IS 15394 : 2003 Reviewed In : 2023	Fire Safety in Petroleum Refineries and Fertilizer Plants - Code of Practice	September, 2023	-	
18	IS 1641 : 2013 Reviewed In : 2023	Fire safety of buildings (General): general principles of fire grading and classification - Code of practice (Second Revision)	July, 2023	-	Indigenous
19	IS 1642 : 2013 Reviewed In : 2023	Fire safety of buildings (General): details of construction - Code of practice (Second Revision)	July, 2023	-	Indigenous
20	IS 1643 : 2013 Reviewed In : 2023	Fire Safety of Buildings (General): Exposure Hazard - Code of Practice (Second Revision)	August, 2023	-	
21	IS 1644 : 2013 Reviewed In : 2023	Fire safety of buildings (General): exit requirements and personal hazard - Code of practice (Second Revision)	August, 2023	-	Indigenous
22	IS 1646 : 2015 Reviewed In : 2020	Fire safety of buildings (General): electrical installations - Code of practice (Third Revision)	December, 2020	-	Indigenous
23	IS/ISO 1716 : 2018 ISO 1716 : 2018 ISO 1716 : 2018	Reaction to Fire Tests for Products - Determination of The Gross Heat of Combustion Calorific Value		-	Identical under single numbering
24	IS 17518 (Part 1) : 2022 ISO 3008-1:2019 ISO 3008-1:2019	Fire resistance tests Door and shutter assemblies Part 1: General requirements Adoption of ISO 3008-1:2019		-	Identical under dual numbering
25	IS 18190 : 2023	Fire Resistance of Perimeter Fire Barrier Joint System - Method of Tests		-	Indigenous
26	IS 18271 : 2023	Fire Safety in Commercial Kitchen - Guidelines		-	Indigenous
27	IS/ISO 19706 : 2011 ISO 19706 : 2011 ISO 19706 : 2011	Guidelines for Assessing the Fire Threat to People		-	Identical under dual numbering
28	IS/ISO 21927-1 : 2008 ISO 21927-1 : 2008 ISO 21927/Part 1:200	Smoke and Heat Control Systems Part 1 Specification for Smoke Barriers		-	Identical under dual numbering
29	IS 2726 : 1988 Reviewed In : 2022 Decision taken to Reaffirm and Archive	Code of practice for fire safety of industrial buildings: cotton ginning and pressing (Including Cotton Seed Delinting) factories (First Revision)	September, 2022	-	Indigenous
30	IS/ISO 3009 : 2003 ISO 3009 : 2003 Reviewed In : 2022 ISO 3009 : 2003	Fire-Resistance Tests - Elements of Building Construction - Glazed Elements	April, 2022	-	Identical under dual numbering
31	IS 3034 : 1993	Fire Safety of Industrial Buildings:	January, 2022	1	

	Reviewed In : 2022	Electrical Generating and Distributing Stations - Code of Practice (Second Revision)			
32	IS 3058 : 1990 Reviewed In : 2021	Code of practice for fire safety of industrial buildings: Viscose rayon yarn and/or staple fibre plants (First Revision)	March, 2021	-	
33	IS 3079 : 1990 Reviewed In : 2021	Code of practice for fire safety of industrial buildings: Cotton textile mills (First Revision)	March, 2021	-	
34	IS 3594 : 2024	Fire Safety of General Storage and Warehousing Including Cold Storages - Code of Practice (Second Revision)		-	
35	IS 3594 : 1991 Reviewed In : 2021	Code of practice for fire safety of industrial buildings: General storage and warehousing including cold storages (First Revision)	March, 2021	1	
36	IS 3595 : 2002 Reviewed In : 2022	Code of Practice for Fire Safety of Industrial Buildings : Coal Pulverizers and Associated Equipments (Second Revision)	September, 2022	1	
37	IS 3614 : 2021	Fire Doors and Doorsets - Specification (first revision)		1	Indigenous
38	IS 3808 : 1979 Reviewed In : 2021 ISO 1182:2002	Method of test for non-combustibility of building materials (First Revision)	March, 2021	-	Modified/Technically Equivalent
39	IS 3809 : 1979 Reviewed In : 2017 iso 834-1:1999	Fire resistance test for structures (First Revision)	September, 2017	-	Modified/Technically Equivalent
40	IS 3836 : 2000 Reviewed In : 2021	Fire Safety of Industrial Buildings - Jute Mills - Code of Practice (Second Revision)	March, 2021	-	
41	IS 4226 : 1988 Reviewed In : 2022 Decision taken to Reaffirm and Archive	Code of practice for fire safety of industrial buildings: aluminium (Magnesium Powder Factories (First Revision)	September, 2022	-	Indigenous
42	IS 4886 : 1991 Reviewed In : 2021	Fire safety of industrial buildings: tea factories - Code of practice (First Revision)	March, 2021	1	Indigenous
43	IS 6329 : 2000 Reviewed In : 2021	Code of Practice for Fire Safety of Industrial Buildings - Saw Mills and Wood Works (First Revision)	March, 2021	-	
44	IS/ISO 834-1 : 1999 ISO 834-1 : 1999 Reviewed In : 2019 ISO 834-1 : 1999	Fire-Resistance Tests Elements of Building Construction Part 1 General Requirements	October, 2019	-	Identical under dual numbering
45	IS/ISO 834-4 : 2000 ISO 834-4 : 2000 Reviewed In : 2019 ISO 834-4 : 2000	Fire-Resistance Tests Elements of Building Construction Part 4 Specific Requirements for Load Bearing Vertical Separating Elements	October, 2019	-	Identical under dual numbering
46	IS/ISO 834-5 : 2000 ISO 834-5 : 2000 Reviewed In : 2019 ISO 834-5 : 2000	Fire-Resistance Tests Elements of Building Construction Part 5 Specific Requirements for Load Bearing Horizontal Separating Elements	October, 2019	-	Identical under dual numbering
47	IS/ISO 834-6 : 2000	Fire-Resistance Tests - Elements of	April, 2022	-	Identical under dual

	ISO 834-6 : 2000 Reviewed In : 2022 ISO 834-6 : 2000	Building Construction Part 6 Specification Requirements for Beams			numbering
48	IS/ISO 834-7 : 2000 ISO 834-7 : 2000 Reviewed In : 2022 ISO 834-7 : 2000	Fire-Resistance Tests - Elements of Building Construction Part 7 Specific Requirements for Columns	April, 2022	-	Identical under dual numbering
49	IS/ISO 834-8 : 2002 ISO 834-8 : 2002 Reviewed In : 2022 ISO 834-8 : 2002	Fire-Resistance Tests - Elements of Building Construction Part 8 Specific Requirements for Non- load Bearing Vertical Separating Elements	April, 2022	-	Identical under dual numbering
50	IS/ISO 834-9 : 2003 ISO 834-9 : 2003 Reviewed In : 2022 ISO 834-9 : 2003	Fire-Resistance Tests - Elements of Building Construction Part 9 Specific Requirements for Non- load Bearing Ceiling Elements	April, 2022	-	Identical under dual numbering
51	IS 8757 : 2021 ISO 13943:2017	Glossary of Terms Associated With Fire Safety (Second Revision)		-	Modified/Technically Equivalent
52	IS 8758 : 2013 Reviewed In : 2023 Decision taken to Reaffirm and Archive	Fire precautionary measures in construction of temporary structures and pandals - Code of practice (Second Revision)	May, 2023	-	Indigenous
53	IS 9109 : 2000 Reviewed In : 2021	Fire safety of industrial buildings - Paint and varnish factories - Code of practice (First Revision)	March, 2021	-	Indigenous

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
<i>No Records Found</i>		

Draft Standards Completed WC Stage

SI. No.	Doc No.	Title
1	CED 36 (24966)	Fire Safety of Industrial Buildings Viscose Rayon Yarn and or Staple Fibre Factories Code of Practice Second Revision
2	CED 36 (24967)	Fire Safety of Industrial Buildings Cotton Textile Mills Code of Practice Second Revision

Finalized Draft Indian Standard

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

Finalized Draft Indian Standards under Print

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

Total Published Standards:50 Total Standards Under development:2

Aspect Wise Report

Product : 3
Code of Practices : 29
Methods of Test : 15
Terminology : 1
Dimensions : 0
System Standard : 0
Safety Standard : 0
Others : 4
Service Specification : 0
Process Specification : 0
Unclassified : 0

Annexure-I :List of Indian Standards Withdrawn/Superseded

Sl. No.	IS No. & Year	Title
1	IS 1645 : 1960	Field slaking of building lime and preparation of putty - Code of practice Second Revision
2	IS 1647 : 1960	Code of practice for fire safety of buildings
3	IS 1648 : 1961	Code of practice for fire safety of buildings general Fire fighting equipment and its maintenance
4	IS 2217 : 1982	Recommendations for providing first-aid fire fighting arrangement in public building
5	IS 2406 : 1963	Code of practice for fire safety of non-industrial buildings
6	IS 3614 (Part 1) : 1966 Reviewed In : 2017	Fire-check Doors - Part I Plate Metal Covered and Rolling Type
7	IS 3614 (Part 2) : 1992 Reviewed In : 2017	Metallic and non-metallic fire check doors - Resistance test and performance criteria
8	IS B8758 : 1993 Reviewed In : 2007	Recommendations for fire precautionary measures in the construction of temporary structures and pandals BI-LINGUAL

Annexure-II :List of Indian Product Standards

Sl. No.	IS No. & Year	Title
1	IS 15381 : 2021 Identical	Fire Blanket - Specification First Revision
2	IS/ISO 21927-1 : 2008 ISO 21927-1 : 2008 ISO 21927/Part 1:200	Smoke and Heat Control Systems Part 1 Specification for Smoke Barriers
3	IS 3614 : 2021	Fire Doors and Doorsets - Specification first revision