BUREAU OF INDIAN STANDARDS

Program of Work

CED 11 : Doors, Windows And Shutter

Scope: STANDARDIZATION IN THE FIELD OF DOORS, WINDOWS, VENTILATORS, GATES AND SHUTTERS MADE OF ANY MATERIAL

Liaison: **ISO TC-162 (P):** *Doors, windows and curtain walling* **ISO TC-162 (P):** *Doors, windows and curtain walling*

Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 1003 (Part 1):2003 Decision taken to Reaffirm and Archive	Timber Panelled and Glazed Shutters : Part 1 Door shutters -	August, 2023	2	
2	IS 1003 (Part 2):1994	Timber Panelled And Glazed Shutters: Part 2 Windows and Ventilator Shutters	January, 2022	2	
3	IS 1038:1983	Specification For Steel Doors, Windows And Ventilators	January, 2022	3	
4	IS 10428:2022 ISO 22496: 2021 ISO 22496: 2021	Windows and Pedestrian Doors Vocabulary		-	Identical under dual numbering
5	IS 10451:1983	Specification for steel sliding shutters (Top Hung Type)	January, 2022	1	Indigenous
6	IS 10521:1983	Specification for collapsible gates	January, 2022	1	Indigenous
7	IS 1081:1960	Code of practice for fixing and glazing of metal (Steel And Aluminium) doors, windows and ventilators	January, 2022	1	Indigenous
8	IS 1361:1978	Specification for Steel Windows for Industrial Buildings	January, 2022	2	
9	IS 14856:2000	Glass fibre reinforced plastic (GRP) panel type door shutters for internal use - Specification	January, 2022	1	Indigenous
10	IS 15380:2023	MOULDED HIGH DENSITY FIBRE HDF PANELLED DOOR SHUTTERS - SPECIFICATION (First Revision)		-	
11	IS 15931:2012	Solid Panel Foam UPVC Door Shutters - Specification	July, 2022	-	
12	IS 16073:2013 Reaffirmed but not taken up for revision	Bamboo-Jute Composite Panel Door Shutter - Specification		-	

13	IS 16074:2024	Steel Flush Door Shutters â€" Specification (First Revision)		-	Indigenous
14	IS 16096:2013 Reaffirmed but not taken up for revision	Bamboo - Jute composite hollow core door shutter - Specification		-	Indigenous
15	IS 17909:2022 ISO 8274: 2005 ISO 8274: 2005	Windows and Doors Resistance to Repeated Opening and Closing Test method		-	Identical under dual numbering
16	IS 17910 (Part 1):2022 ISO 12567-1: 2010 ISO 12567-1: 2010	Thermal Performance of Windows and Doors Determination of Thermal Transmittance by The Hot-Box Method Part 1: Complete Windows and Doors		-	Identical under dual numbering
17	IS 17910 (Part 2):2022 ISO 12567-2: 2005 ISO 12567-2: 2005	Thermal Performance of Windows and Doors Determination of Thermal Transmittance by The Hot-Box Method Part 2: Roof Windows and Other Projecting Windows		-	Identical under dual numbering
18	IS 17911:2022 ISO 15099: 2003 ISO 15099: 2003	Thermal performance of Windows Doors and Shading Devices Detailed Calculations		-	Identical under dual numbering
19	IS 17920:2022 ISO 10077-2: 2017 ISO 10077-2: 2017	Thermal performance of Windows Doors and Shutters Calculation of Thermal Transmittance - Numerical Method for Frames		-	Identical under dual numbering
20	IS 17953:2023	uPVC Profiles for Windows And Doors Specification		-	Indigenous
21	IS 18268:2023 ISO 9379:2005 ISO 9379:2005	Operating Forces - Method of Test - Doors		-	Identical under dual numbering
22	IS 18434:2023	Field Measurement of Air Permeability and Water Penetration Through Installed Curtain Wall Windows Doors Sliders And Skylights Under Static Air Pressure Difference Method of Test		-	Indigenous
23	IS 18459:2024	Water Penetration of Curtain Walls Windows Sliders Doors and Skylights by Uniform Static Air Pressure Difference Method of Test		-	Indigenous
24	IS 18472:2024 ISO 6613:1980	Air Permeability for Curtain Walls Windows Sliders Doors and Skylights Method of Test		-	Indigenous
25	IS 18473:2024 ISO 6612:1980	Wind Resistance for Curtain Walls Windows Sliders Doors and Skylights Method of Test		-	Indigenous
26	IS 18647:2024	Water Penetration of Curtain Walls, Windows, Sliders and Doors by Dynamic Air Pressure - Method of Test		-	Indigenous
27	IS 18648:2024	Classification and Performance Requirements for Doors Windows and Sliders - Specification		-	Indigenous
28	IS 19006:2023	Windows and Door Height		-	Identical under dual

	ISO 8248: 1985 ISO 8248: 1985	Windows Mechanical Tests			numbering
29	IS 1948:2024	Aluminium Framed Doors, Windows and Sliders â€" Specification (First Revision)		-	Indigenous
30	IS 19609:2026	uPVC Profiles Framed Doors, Windows and sliders – Specification		-	
31	IS 2191 (Part 1):2022	Wooden Flush Door Shutters (Cellular, Hollow and Tubular Core Type) — Specification Part 1 Plywood Face Panels (Fifth Revision)		1	Indigenous
32	IS 2191 (Part 2):2022	WOODEN FLUSH DOOR SHUTTERS (CELLULAR, HOLLOW AND TUBULAR CORE TYPE) - SPECIFICATION PART 2 PARTICLE BOARD, HIGH DENSITY FIBRE BOARD, MEDIUM DENSITY FIBRE BOARD AND FIBRE HARDBOARD FACE PANELS (Fourth Revision)		1	Indigenous
33	IS 2202 (Part 2):2022	Wooden Flush Door Shutters (Solid Core Type) — Specification Part 2 Particle Board, High Density Fibre Board,Medium Density Fibre Board and Fibre Hardboard Face Panels (Fourth Revision)		1	Indigenous
34	IS 2202 (Part 1):2023	Wooden Flush Door Shutters (Solid Core Type) — Specification Part 1 Plywood Face Panels (Seventh Revision)		1	Indigenous
35	IS 4020 (Part 8):1998 ISO 8270: 1985	Door Shutters - Methods of Tests	August, 2018	2	Not Equivalent
36	IS 4020 (Part 116):1998 ISO 8270: 1985, 6444: 2005, 6442: 2005, 8270: 1985	Door shutters - Methods of tests (Third Revision)	August, 2023	1	Not Equivalent
37	IS 4021:1995	Timber door, window and ventilator frames - specification	January, 2022	3	Indigenous
38	IS 4043:1969	Recommendations for Symbolic Designation of Direction of Closing and Faces of Doors, Windows and Shutters	January, 2022	-	
39	IS 4351:2024	Steel Frames for Doors - Specification (Third Revision)		-	Indigenous
40	IS 4913:1968	Code of Practice for Selection, Installation and Maintenance of Timber Doors and Windows	January, 2022	-	
41	IS 6198:1992	Ledged, braced and battened timber door shutters - specification	January, 2022	2	Indigenous
42	IS 6248:1979	Specification for metal rolling shutters and rolling grills (First Revision)	January, 2022	1	Indigenous
43	IS 7452:1990	Hot Rolled Steel Sections for Doors, Windows and Ventilators -	December, 2022	-	Indigenous

		Specification (Second Revision)			

Standards under Development

Projects Approved

SI. No.	Doc No.	Title
No Records Found		

Preliminary Draft Standards

SI. No.	Doc No.	Title
No Records Found		

Drafts Standards in WC Stage

SI. No.	Doc No.	Title
No Records Found		

Draft Standards Completed WC Stage

SI. No.	Doc No.	Title
No Records Found		

Finalized Draft Indian Standard

SI. No.	Doc No.	Title
No Records Found		

Finalized Draft Indian Standards under Print

SI. No.	Doc No.	Title
1	CED 11 (07983)	Wooden Flush Door Shutters solid Core Type Part 1 Plywood Face Panels Amendment - 4
2	CED 11 (15390) Revision of: IS 2191:1983	WOODEN FLUSH DOOR SHUTTERS CELLULAR TUBULAR AND HOLLOW CORE TYPE SPECIFICATION PART 1 PLYWOOD FACE PANELS Fifth Revision
3	CED 11 (15391) Revision of: IS 2191:1983	WOODEN FLUSH DOOR SHUTTERS CELLULAR HOLLOW AND TUBULAR CORE TYPE - SPECIFICATION PART 2 PARTICLE BOARD HIGH DENSITY FIBRE BOARD MEDIUM DENSITY FIBRE BOARD AND FIBRE HARDBOARD FACE PANELS Fourth Revision
4	CED 11 (15392) Revision of: IS 2202:1999	WOODEN FLUSH DOOR SHUTTERS SOLID CORE TYPE SPECIFICATION PART 1 PLYWOOD FACE PANELS Seventh Revision
5	CED 11 (15393) Revision of: IS 2202:1983	WOODEN FLUSH DOOR SHUTTERS SOLID CORE TYPE SPECIFICATION PART 2 PARTICLE BOARD HIGH DENSITY FIBRE BOARD MEDIUM DENSITY FIBRE BOARD AND HARDBOARD FACE PANELS Fourth Revision
6	CED 11 (17614) Revision of: IS 15380:2003	MOULDED HIGH DENSITY FIBRE HDF PANELLED DOOR SHUTTERS - SPECIFICATION First Revision
7	CED 11 (18308)	Specification for metal rolling shutters and rolling grills First Revision Amendment Number - 1
8	CED 11 (18312)	Glass fibre reinforced plastic GRP panel type door shutters for internal use - Specification Amendment nUMBER - 1
9	CED 11 (18445)	uPVC Profiles for Windows And Doors Specification
10	CED 11 (18672)	Windows and Door Height Windows Mechanical Tests
11	CED 11 (18673)	Windows and Doors Resistance to Repeated Opening and Closing Test method
12	CED 11 (18674)	Thermal performance of Windows Doors and Shutters Calculation of Thermal Transmittance - Numerical Method for Frames
13	CED 11 (18675)	Thermal Performance of Windows and Doors Determination of Thermal Transmittance by The Hot-Box Method Part 1 Complete Windows and Doors
14	CED 11 (18676)	Thermal Performance of Windows and Doors Determination of Thermal Transmittance by The Hot-Box Method Part 2 Roof Windows and Other Projecting Windows

15	CED 11 (18677)	Thermal performance of Windows Doors and Shading Devices Detailed Calculations
16	CED 11 (18903) Revision of: IS 10428:1983	Windows and Pedestrian Doors Vocabulary
17	CED 11 (19014) Revision of: IS 4351:2003	Steel Frames for Doors - Specification Third Revision
18	CED 11 (19584)	Air Permeability for Curtain Walls Windows Sliders Doors and Skylights Method of Test
19	CED 11 (19586)	Field Measurement of Air Permeability and Water Penetration Through Installed Curtain Wall Windows Doors Sliders And Skylights Under Static Air Pressure Difference Method of Test
20	CED 11 (19587)	Water Penetration of Curtain Walls Windows Sliders Doors and Skylights by Uniform Static Air Pressure Difference Method of Test
21	CED 11 (19588)	Wind Resistance for Curtain Walls Windows Sliders Doors and Skylights Method of Test
22	CED 11 (19598)	Operating Forces - Method of Test - Doors
23	CED 11 (21275) Revision of: IS 1948:1961	Aluminium Framed Doors Windows and Sliders - Specification First Revision
24	CED 11 (21288)	Classification and Performance Requirements for Doors Windows and Sliders - Specification
25	CED 11 (21748)	Water Penetration of Curtain Walls Windows Sliders and Doors by Dynamic Air Pressure - Method of Test
26	CED 11 (21968) Revision of: IS 16074:2013	Steel Flush Door Shutters Specification First Revision
27	CED 11 (25402)	WOODEN FLUSH DOOR SHUTTERS CELLULAR TUBULAR AND HOLLOW CORE TYPE SPECIFICATION PART 1 PLYWOOD FACE PANELS Fifth Revision Amendment - 1
28	CED 11 (25404)	WOODEN FLUSH DOOR SHUTTERS CELLULAR HOLLOW AND TUBULAR CORE TYPE - SPECIFICATION PART 2 PARTICLE BOARD HIGH DENSITY FIBRE BOARD MEDIUM DENSITY FIBRE BOARD AND FIBRE HARDBOARD FACE PANELS Fourth Revision Amendment - 1
29	CED 11 (25405)	WOODEN FLUSH DOOR SHUTTERS SOLID CORE TYPE SPECIFICATION PART 1 PLYWOOD FACE PANELS Seventh Revision Amendment - 1
30	CED 11 (25406)	WOODEN FLUSH DOOR SHUTTERS SOLID CORE TYPE SPECIFICATION PART 2 PARTICLE BOARD HIGH DENSITY FIBRE BOARD MEDIUM DENSITY FIBRE BOARD AND HARDBOARD FACE PANELS Fourth Revision Amendment - 1
31	CED 11 (26382) Revision of: IS 1038:1983	Specification For Steel Section - Windows and Ventilators Fourth Revision of IS 1038
32	CED 11 (26383) Revision of: IS 6248:1979	Metal Rolling Shutters and Rolling Grills - Specification Second Revision of IS 6248
33	CED 11 (26384)	Steel Door Frame Set Specification
34	CED 11 (26385)	uPVC Profiles Framed Doors Windows and sliders Specification
35	CED 11 (33217)	Wooden Door Shutters Cellular Hollow And Tubular Core Type Specification sixth revision of IS 2191 Part 1 and Amalgamating IS 2191 Part 2 2022
36	CED 11 (33224)	Wooden Door Shutters Solid Core Type Specification Eighth Revision of IS 2202 Part 1 and Amalgamating IS 2202 Part 2 2022

Total Published Standards:43 Total Standards Under development:36

Aspect Wise Report

Product : 24
Code of Practices : 2
Methods of Test : 14
Terminology : 1
Dimensions : 0
System Standard : 0
Safety Standard : 0
Others : 1
Service Specification : 0
Process Specification : 0
Unclassified : 1

Annexure-I :List of Indian Standards Withdrawn/Superseded

SI. No.	IS No. & Year	Title
1	IS 13027 (Part 1):1990	Methods of test for door leaves Part 1 Measurement of dimensions and defects of squareness
2	IS 13027 (Part 2):1991	Door leaves - methods of test Part 2 Measurement of defects of general flatness
3	IS 13034:1990	Methods of test for timber panelled and glazed door shutters - type tests
4	IS 1826:1961	Venetian Blinds for Windows
5	IS 1949:1961	Specification for aluminium windows for industrial buildings
6	IS 4962:1968	wooden side sliding doors

Annexure-II :List of Indian Product Standards

SI. No.	IS No. & Year	Title
1	IS 1003 (Part 1):2003 Decision taken to Reaffirm and Archive	Timber Panelled and Glazed Shutters Part 1 Door shutters -
2	IS 1003 (Part 2):1994	Timber Panelled And Glazed Shutters Part 2 Windows and Ventilator Shutters
3	IS 1038:1983	Specification For Steel Doors Windows And Ventilators
4	IS 10451:1983	Specification for steel sliding shutters Top Hung Type
5	IS 10521:1983	Specification for collapsible gates
6	IS 1361:1978	Specification for Steel Windows for Industrial Buildings
7	IS 14856:2000	Glass fibre reinforced plastic GRP panel type door shutters for internal use - Specification
8	IS 15380:2023 IEC TS 60034-25:2022	MOULDED HIGH DENSITY FIBRE HDF PANELLED DOOR SHUTTERS - SPECIFICATION First Revision
9	IS 15931:2012	Solid Panel Foam UPVC Door Shutters - Specification
10	IS 16073:2013 Reaffirmed but not taken up for revision	Bamboo-Jute Composite Panel Door Shutter - Specification
11	IS 16074:2024	Steel Flush Door Shutters Specification First Revision
12	IS 16096:2013 Reaffirmed but not taken up for revision	Bamboo - Jute composite hollow core door shutter - Specification
13	IS 17953:2023	uPVC Profiles for Windows And Doors Specification
14	IS 18648:2024	Classification and Performance Requirements for Doors Windows and Sliders - Specification
15	IS 1948:2024	Aluminium Framed Doors Windows and Sliders Specification First Revision
16	IS 2191 (Part 2):2022	WOODEN FLUSH DOOR SHUTTERS CELLULAR HOLLOW AND TUBULAR CORE TYPE - SPECIFICATION PART 2 PARTICLE BOARD HIGH DENSITY FIBRE BOARD MEDIUM DENSITY FIBRE BOARD AND FIBRE HARDBOARD FACE PANELS Fourth Revision
17	IS 2191 (Part 1):2022 IEC TS 62257-8-1:2018	Wooden Flush Door Shutters Cellular Hollow and Tubular Core Type Specification Part 1 Plywood Face Panels Fifth Revision
18	IS 2202 (Part 2):2022	Wooden Flush Door Shutters Solid Core Type Specification Part 2 Particle Board High Density

	IEC PAS 62257-10:2017	Fibre Board Medium Density Fibre Board and Fibre Hardboard Face Panels Fourth Revision
19	IS 2202 (Part 1):2023 ISO 16610-62 : 2023	Wooden Flush Door Shutters Solid Core Type Specification Part 1 Plywood Face Panels Seventh Revision
20	IS 4021:1995	Timber door window and ventilator frames - specification
21	IS 4351:2024	Steel Frames for Doors - Specification Third Revision
22	IS 6198:1992	Ledged braced and battened timber door shutters - specification
23	IS 6248:1979	Specification for metal rolling shutters and rolling grills First Revision
24	IS 7452:1990	Hot Rolled Steel Sections for Doors Windows and Ventilators - Specification Second Revision