

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*

Published Standards

| S.No | IS No. | TITLE | Reaffirm M-Y | No. of Amds | Eqv. |
|------|--|---|---------------|-------------|--------------------------------|
| 1 | IS 1003 (Part 1) : 2003 <i>Reviewed In : 2023</i> Decision taken to Reaffirm and Archive | Timber Panelled and Glazed Shutters : Part 1 Door shutters - | August, 2023 | 2 | |
| 2 | IS 1003 (Part 2) : 1994 <i>Reviewed In : 2022</i> | Timber Panelled And Glazed Shutters: Part 2 Windows and Ventilator Shutters | January, 2022 | 3 | |
| 3 | IS 1038 : 1983 <i>Reviewed In : 2022</i> | Specification For Steel Doors, Windows And Ventilators | January, 2022 | 3 | |
| 4 | IS 10428 : 2022 ISO 22496: 2021 <i>ISO 22496: 2021</i> | Windows and Pedestrian Doors Vocabulary | | - | Identical under dual numbering |
| 5 | IS 10451 : 1983 <i>Reviewed In : 2022</i> | Specification for steel sliding shutters (Top Hung Type) | January, 2022 | 1 | Indigenous |
| 6 | IS 10521 : 1983 <i>Reviewed In : 2022</i> | Specification for collapsible gates | January, 2022 | 1 | Indigenous |
| 7 | IS 1081 : 1960 <i>Reviewed In : 2022</i> | Code of practice for fixing and glazing of metal (Steel And Aluminium) doors, windows and ventilators | January, 2022 | 1 | Indigenous |
| 8 | IS 1361 : 1978 <i>Reviewed In : 2022</i> | Specification for Steel Windows for Industrial Buildings | January, 2022 | 2 | |
| 9 | IS 14856 : 2000 <i>Reviewed In : 2022</i> | Glass fibre reinforced plastic (GRP) panel type door shutters for internal use - Specification | January, 2022 | 1 | Indigenous |
| 10 | IS 15380 : 2003 <i>Reviewed In : 2018</i> | Moulded Raised High Density Fibre (HDF) Panel Doors - | August, 2018 | 1 | |
| 11 | IS 15380 : 2023 | MOULDED HIGH DENSITY FIBRE HDF PANELLED DOOR SHUTTERS - SPECIFICATION (First Revision) | | - | |
| 12 | IS 15931 : 2012 <i>Reviewed In : 2022</i> | Solid Panel Foam UPVC Door Shutters - Specification | July, 2022 | - | |
| 13 | IS 16073 : 2013 Reaffirmed but not | Bamboo-Jute Composite Panel Door Shutter - Specification | | - | |

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|----|--|--|--------------|---|--------------------------------|
| | taken up for revision | | | | |
| 14 | IS 16074 : 2013 Reviewed In : 2023 | Steel flush door shutters - Specification | August, 2023 | - | Indigenous |
| 15 | IS 16074 : 2024 | Steel Flush Door Shutters â€” Specification (First Revision) | | - | Indigenous |
| 16 | IS 16096 : 2013 Reaffirmed but not taken up for revision | Bamboo - Jute composite hollow core door shutter - Specification | | - | Indigenous |
| 17 | IS 17909 : 2022 ISO 8274: 2005 ISO 8274: 2005 | Windows and Doors Resistance to Repeated Opening and Closing Test method | | - | Identical under dual numbering |
| 18 | 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 |
| 19 | 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 |
| 20 | IS 17911 : 2022 ISO 15099: 2003 ISO 15099: 2003 | Thermal performance of Windows Doors and Shading Devices Detailed Calculations | | - | Identical under dual numbering |
| 21 | 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 |
| 22 | IS 17953 : 2023 | uPVC Profiles for Windows And Doors Specification | | - | Indigenous |
| 23 | IS 18268 : 2023 ISO 9379:2005 ISO 9379:2005 | Operating Forces - Method of Test - Doors | | - | Identical under dual numbering |
| 24 | 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 |
| 25 | IS 18459 : 2024 | Water Penetration of Curtain Walls Windows Sliders Doors and Skylights by Uniform Static Air Pressure Difference Method of Test | | - | Indigenous |
| 26 | IS 18472 : 2024 ISO 6613:1980 | Air Permeability for Curtain Walls Windows Sliders Doors and Skylights Method of Test | | - | Indigenous |
| 27 | IS 18473 : 2024 ISO 6612:1980 | Wind Resistance for Curtain Walls Windows Sliders Doors and Skylights Method of Test | | - | Indigenous |
| 28 | IS 18647 : 2024 | Water Penetration of Curtain Walls, Windows, Sliders and Doors by Dynamic Air Pressure - Method of Test | | - | Indigenous |
| 29 | IS 18648 : 2024 | Classification and Performance | | - | Indigenous |

| | | Requirements for Doors Windows and Sliders - Specification | | | |
|----|--|---|---------------|---|--------------------------------|
| 30 | IS 19006 : 2023 ISO 8248: 1985 ISO 8248: 1985 | Windows and Door Height Windows Mechanical Tests | | - | Identical under dual numbering |
| 31 | IS 1948 : 2024 | Aluminium Framed Doors, Windows and Sliders â€” Specification (First Revision) | | - | Indigenous |
| 32 | 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 |
| 33 | 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 |
| 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 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 |
| 36 | IS 4020 (Part 8) : 1998 Reviewed In : 2018 ISO 8270: 1985 | Door Shutters - Methods of Tests | August, 2018 | 1 | Not Equivalent |
| 37 | IS 4020 (Part 116) : 1998 Reviewed In : 2023 ISO 8270: 1985, 6444: 2005, 6442: 2005, 8270: 1985 | Door shutters - Methods of tests (Third Revision) | August, 2023 | 2 | Not Equivalent |
| 38 | IS 4021 : 1995 Reviewed In : 2022 | Timber door, window and ventilator frames - specification | January, 2022 | 3 | Indigenous |
| 39 | IS 4043 : 1969 Reviewed In : 2022 | Recommendations for Symbolic Designation of Direction of Closing and Faces of Doors, Windows and Shutters | January, 2022 | - | |
| 40 | IS 4351 : 2024 | Steel Frames for Doors - Specification (Third Revision) | | - | |
| 41 | IS 4351 : 2003 Reviewed In : 2023 | Steel Door Frames -Specification (Second Revision) | August, 2023 | 1 | |
| 42 | IS 4913 : 1968 Reviewed In : 2022 | Code of Practice for Selection, Installation and Maintenance of Timber Doors and Windows | January, 2022 | - | |
| 43 | IS 6198 : 1992 Reviewed In : 2022 | Ledged, braced and battened timber door shutters - specification | January, 2022 | 2 | Indigenous |
| 44 | IS 6248 : 1979 | Specification for metal rolling | January, 2022 | 1 | Indigenous |

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|----|--------------------------------------|--|----------------|---|------------|
| | Reviewed In : 2022 | shutters and rolling grills (First Revision) | | | |
| 45 | IS 7452 : 1990 Reviewed In : 2022 | Hot Rolled Steel Sections for Doors, Windows and Ventilators - Specification (Second Revision) | December, 2022 | - | Indigenous |

Standards under Development

Projects Approved

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

Preliminary Draft Standards

| SI. No. | Doc No. | Title |
|---------|--|--|
| 1 | CED 11 (26382) Revision of: IS 1038:1983 | Specification For Steel Section - Windows and Ventilators Fourth Revision of IS 1038 |
| 2 | CED 11 (26383) Revision of: IS 6248:1979 | SPECIFICATION FOR METAL ROLLING SHUTTERS AND ROLLING GRILLS Second Revision of IS 6248 |
| 3 | CED 11 (26384) | Steel Door Frame Set Specification |
| 4 | CED 11 (26385) | uPVC Profiles Framed Doors Windows and sliders Specification |

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 |
|-------------------------|---------|-------|
| <i>No Records Found</i> | | |

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 |
|-------------------------|---------|-------|
| <i>No Records Found</i> | | |

Total Published Standards:34 Total Standards Under development:4

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

Annexure-I :List of Indian Standards Withdrawn/Superseded

| Sl. 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 Reviewed In : 2022 | Specification for aluminium windows for industrial buildings |
| 6 | IS 4962 : 1968 Reviewed In : 2011 | wooden side sliding doors |

Annexure-II :List of Indian Product Standards

| Sl. No. | IS No. & Year | Title |
|---------|---|--|
| 1 | IS 1003 (Part 1) : 2003 Reviewed In : 2023 Decision taken to Reaffirm and Archive | Timber Panelled and Glazed Shutters Part 1 Door shutters - |
| 2 | IS 1003 (Part 2) : 1994 Reviewed In : 2022 | Timber Panelled And Glazed Shutters Part 2 Windows and Ventilator Shutters |
| 3 | IS 1038 : 1983 Reviewed In : 2022 | Specification For Steel Doors Windows And Ventilators |
| 4 | IS 10451 : 1983 Reviewed In : 2022 | Specification for steel sliding shutters Top Hung Type |
| 5 | IS 10521 : 1983 Reviewed In : 2022 | Specification for collapsible gates |
| 6 | IS 1361 : 1978 Reviewed In : 2022 | Specification for Steel Windows for Industrial Buildings |
| 7 | IS 14856 : 2000 Reviewed In : 2022 | Glass fibre reinforced plastic GRP panel type door shutters for internal use - Specification |
| 8 | IS 15380 : 2023 | MOULDED HIGH DENSITY FIBRE HDF PANELLED DOOR SHUTTERS - SPECIFICATION First Revision |
| 9 | IS 15931 : 2012 Reviewed In : 2022 | 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 1) : 2022 | Wooden Flush Door Shutters Cellular Hollow and Tubular Core Type Specification Part 1 |

| | IEC TS 62257-8-1:2018 | Plywood Face Panels Fifth Revision |
|----|--|--|
| 17 | 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 |
| 18 | IS 2202 (Part 1) : 2023 ISO 16610-62 : 2023 | Wooden Flush Door Shutters Solid Core Type Specification Part 1 Plywood Face Panels Seventh Revision |
| 19 | IS 2202 (Part 2) : 2022 IEC PAS 62257-10:2017 | 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 |
| 20 | IS 4021 : 1995 Reviewed In : 2022 | Timber door window and ventilator frames - specification |
| 21 | IS 4351 : 2024 | Steel Frames for Doors - Specification Third Revision |
| 22 | IS 6198 : 1992 Reviewed In : 2022 | Ledged braced and battened timber door shutters - specification |
| 23 | IS 6248 : 1979 Reviewed In : 2022 | Specification for metal rolling shutters and rolling grills First Revision |
| 24 | IS 7452 : 1990 Reviewed In : 2022 | Hot Rolled Steel Sections for Doors Windows and Ventilators - Specification Second Revision |