

7. Material Test Standards, Approval and registration.

7.1. Acceptable Test Standards and criteria

- 7.1.1.** All the Materials, Systems, Assemblies, equipment, Products and Accessories, referred to in this chapter with respect to Life Safety, Fire Safety and Emergency Services shall be Listed, Approved and Registered by the Civil Defence Material Approval Department.
- 7.1.2.** **There is no year of edition mentioned against any test standards. It is the intent of Civil Defence to convey to the customers seeking laboratory tests and the test laboratories to follow the “LATEST EDITION OF THE TEST STANDARD, AS AND WHEN THEY ARE UPGRADED/REVISED/AMENDED, TO THE DATE”**
- 7.1.3.** **Fire resistance rated Door Assemblies shall satisfy any of the following tests as per specifications required by the code.**
- i.** UL 10B/10C, Standard for Fire Tests of Door Assemblies/ Standard for Positive Pressure Fire Tests of Door Assemblies.
 - ii.** UL 1784, Standard for Air Leakage Tests of Door Assemblies and Other Opening Protectives
 - iii.** NFPA 252, Standard methods of fire tests of door assemblies.
 - iv.** EN 1634-1: Fire resistance and smoke control tests for door, shutter and, openable window assemblies and elements of building hardware. Fire resistance tests for doors, shutters and openable windows.
 - v.** EN 1634-2: Fire resistance and smoke control tests for door, shutter and openable window assemblies and elements of building hardware - Part 2: Fire resistance characterization test for elements of building hardware
 - vi.** EN 1634-3: Fire resistance and smoke control tests for door and shutter assemblies, openable windows and elements of building hardware - Part 3: Smoke control test for door and shutter assemblies
 - vii.** EN 14600: Doorsets and openable windows with fire resisting and/or smoke control characteristics - Requirements and classification
 - viii.** EN 15269-1: Extended application of test results for fire resistance and/or smoke control for door, shutter and openable window assemblies, including their elements of building hardware - Part 1: General requirements
 - ix.** EN 15269-2: EXAP – Part 2: Fire resistance of hinged and pivoted steel doorsets and openable windows
 - x.** EN 15269-3: EXAP – Part 3: Fire resistance of hinged and pivoted timber doorsets and openable timber framed windows
 - xi.** prEN 15269-4: EXAP – Part 4: Fire resistance of hinged and pivoted glazed doorsets and shutter assemblies.
 - xii.** prEN 15269-5: EXAP – Part 5: Fire resistance of hinged and pivoted metal framed glazed doorsets and openable windows
 - xiii.** prEN 15269-6: EXAP – Part 6: Fire resistance of timber sliding doors
 - xiv.** EN 15269-7: EXAP – Part 7: Fire resistance for steel sliding doorsets
 - xv.** prEN 15269-8: EXAP – Part 8: Fire resistance of timber horizontally folding doors.