

# Schedule

Singapore Test Services Pte Ltd  
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The accreditation covers the following scope:

- ISO/IEC Type 1b Certification scheme consisting of type test of a product representative of production and subsequent batch inspection
- ISO/IEC Type 2 Certification scheme consisting of type test and market surveillance
- ISO/IEC Type 5 Certification scheme consisting of type test of a sample representative of production, inspection of factory quality management system and routine surveillance of the management system and samples of the product

S/No	Product Description	Test Standard Number	Test Standard Description	Type
1	Raised Floor Panel	BS 476 Part 4 : 1970 or  BS 476 Part 11 : 1982 or  EN 13501-1 + A1 : 2009	Fire tests on building materials and structures. Non-combustibility test for materials.  Fire tests on building materials and structures. Method of test for assessing the heat emission from building materials.  Fire classification of construction products and building elements. Classification using test data from reaction to fire tests	2
2	Composite Panel (Cladding to External Wall)	BS 476 Part 4 : 1970 or	Fire tests on building materials and structures. Method of test for fire propagation for products.	2

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S/No	Product Description	Test Standard Number	Test Standard Description	Type
		BS 476 Part 11 : 1982 or  BS 476 Part 6 : 1989 and/or	Fire tests on building materials and structures. Method of test to determine the classification of the surface spread of flame of products.  Fire tests on building materials and structures. Method of test for fire propagation for products.	
		BS 476 Part 7 : 1997 or  NFPA 285 : 2001 or	Fire tests on building materials and structures. Method of test to determine the classification of the surface spread of flame of products.  Standard Fire Test Method for Evaluation of Fire Propagation Characteristics of Exterior	
		EN 13501-1 + A1 : 2009	Fire classification of construction products and building elements. Classification using test data from reaction to fire tests	
3	Fire Retardant Solution /Paint	BS 476 Part 6 : 1989 and/or  BS 476 Part 7 : 1997 or  EN 13501-1 + A1 : 2009	Fire tests on building materials and structures. Method of test for fire propagation for products.  Fire tests on building materials and structures. Method of test to determine the classification of the surface spread of flame of products  Fire classification of construction products and building elements. Classification using test data from reaction to fire tests	2
4	Ducting	BS 476 Part 4 : 1970 or	Fire tests on building materials and structures. Method of test for fire propagation for products.	2

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S/No	Product Description	Test Standard Number	Test Standard Description	Type
		BS 476 Part 11 : 1982 or  BS 476 Part 6 : 1989 or  BS 476 Part 7 : 1997 or  EN 13501-1 + A1 : 2009	Fire tests on building materials and structures. Method of test to determine the classification of the surface spread of flame of products.  Fire tests on building materials and structures. Method of test for fire propagation for products.  Fire tests on building materials and structures. Method of test to determine the classification of the surface spread of flame of products  Fire classification of construction products and building elements. Classification using test data from reaction to fire tests	
5	Thermal Insulation Material	BS 476 Part 4 : 1970 or  BS 476 Part 11 : 1982 or  BS 476 Part 6 : 1989 + and/or  BS 476 Part 7 : 1997 or	Fire tests on building materials and structures. Non-combustibility test for materials.  Fire tests on building materials and structures. Method of test for assessing the heat emission from building materials.  Fire tests on building materials and structures. Method of test for fire propagation for products.  Fire tests on building materials and structures. Method of test to determine the classification of the surface spread of flame of products.	2

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S/No	Product Description	Test Standard Number	Test Standard Description	Type
		EN 13501-1 + A1 : 2009	Fire classification of construction products and building elements. Classification using test data from reaction to fire tests	
6	Finishing Material for Wall/Ceiling	BS 476 Part 4 : 1970 or  BS 476 Part 11 : 1982 or  BS 476 Part 6 : 1989 and/or  BS 476 Part 7 : 1997 or  EN 13501-1 + A1 : 2009	Fire tests on building materials and structures. Non-combustibility test for materials.  Fire tests on building materials and structures. Method of test for assessing the heat emission from building materials.  Fire tests on building materials and structures. Method of test for fire propagation for products.  Fire tests on building materials and structures. Method of test to determine the classification of the surface spread of flame of products.  Fire classification of construction products and building elements. Classification using test data from reaction to fire tests	2
7	Material for Wall/Ceiling/Floor Construction	BS 476 Part 4 : 1970 or  BS 476 Part 11 : 1982 or  BS 476 Part 6 : 1989 + and/or	Fire tests on building materials and structures. Non-combustibility test for materials.  Fire tests on building materials and structures. Method of test for assessing the heat emission from building materials.  Fire tests on building materials and structures. Method of test for fire propagation for products.	2

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S/No	Product Description	Test Standard Number	Test Standard Description	Type
		BS 476 Part 7 : 1997 or  EN 13501-1 + A1 : 2009	Fire tests on building materials and structures. Method of test to determine the classification of the surface spread of flame of products. Fire classification of construction products and building elements. Classification using test data from reaction to fire tests	
8	Roof Covering Material	BS 476 Part 4 : 1970 or  BS 476 Part 11 : 1982 or  BS 476 Part 6 : 1989 and/or  BS 476 Part 7 : 1997 or  ASTM E108 : 2000  EN 13501-1 + A1 : 2009	Fire tests on building materials and structures. Non-combustibility test for materials.  Fire tests on building materials and structures. Method of test for assessing the heat emission from building materials.  Fire tests on building materials and structures. Method of test for fire propagation for products.  Fire tests on building materials and structures. Method of test to determine the classification of the surface spread of flame of products.  Standard test methods for fire tests of roof coverings  Fire classification of construction products and building elements. Classification using test data from reaction to fire tests	2
9	Roofing for Link way	BS 476 Part 4 : 1970 or	Fire tests on building materials and structures. Non-combustibility test for materials.	2

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S/No	Product Description	Test Standard Number	Test Standard Description	Type
		BS 476 Part 11 : 1982 or	Fire tests on building materials and structures. Method of test for assessing the heat emission from building materials.	
		BS 476 Part 6 : 1989 and/or	Fire tests on building materials and structures. Method of test for fire propagation for products.	
		BS 476 Part 7 : 1997 or	Fire tests on building materials and structures. Method of test to determine the classification of the surface spread of flame of products.	
		EN 13501-1 + A1 : 2009	Fire classification of construction products and building elements. Classification using test data from reaction to fire tests	
10	Smoke Curtain Fabric	BS 476 Part 4 : 1970 or	Fire tests on building materials and structures. Non-combustibility test for materials.	2
		BS 476 Part 11 : 1982 or	Fire tests on building materials and structures. Method of test for assessing the heat emission from building materials.	
		BS 476 Part 6 : 1989 and/or	Fire tests on building materials and structures. Method of test for fire propagation for products.	
		BS 476 Part 7 : 1997 or	Fire tests on building materials and structures. Method of test to determine the classification of the surface spread of flame of products.	

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S/No	Product Description	Test Standard Number	Test Standard Description	Type
		EN 13501-1 + A1 : 2009	Fire classification of construction products and building elements. Classification using test data from reaction to fire test	
11	uPVC Window Frame Material	ASTM D635 : 2010	Standard test method for rate of burning and/or extent and time of burning of plastics in a horizontal position.	2
12	Fire Rated Board System	BS 476 Part 4 : 1970 or BS 476 Part 11 : 1982 or	Fire tests on building materials and structures. Non-combustibility test for materials.  Fire tests on building materials and structures. Method of test for assessing the heat emission from building materials.	2
		EN 13501-1 + A1 : 2009	Fire classification of construction products and building elements. Classification using test data from reaction to fire test	
13	Fire Rated Spraying Material	BS 476 Part 4 : 1970 or BS 476 Part 11 : 1982 or	Fire tests on building materials and structures. Non-combustibility test for materials.  Fire tests on building materials and structures. Method of test for assessing the heat emission from building materials.	2
		EN 13501-1 + A1 : 2009	Fire classification of construction products and building elements. Classification using test data from reaction to fire tests	

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S/No	Product Description	Test Standard Number	Test Standard Description	Type
14	Compartment Wall	BS 476 Part 4 : 1970 or  BS 476 Part 11 : 1982 or  BS 476 Part 6 : 1989 + and/or  BS 476 Part 7 : 1997 or  EN 13501-1 + A1 : 2009 &	Fire tests on building materials and structures. Non-combustibility test for materials.  Fire tests on building materials and structures. Method of test for assessing the heat emission from building materials.  Fire tests on building materials and structures. Method of test for fire propagation for products.  Fire tests on building materials and structures. Method of test to determine the classification of the surface spread of flame of products.  Fire classification of construction products and building elements. Classification using test data from reaction to fire tests	2
		BS 476 Part 22 : 1987 or  AS 1530 Part 4 : 2005 or  ASTM E119 – 95A or  ISO 834 : 2003 or  NFPA 251 : 2006 or	Fire tests on building materials and structures. Methods for determination of the fire resistance of non-load bearing elements of construction.  Methods of fire tests on building materials, components and structures – Fire resistance test of elements of construction.  Standard Tests methods for fire tests of building construction and materials. Fire resistance tests – Elements of building construction.  Standard method of test of fire resistance of building construction and material.	5



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S/No	Product Description	Test Standard Number	Test Standard Description	Type
		EN 1364-1 : 1999 or EN 1365-1 : 1999	Fire resistance test for non-loadbearing element – Walls. Fire resistance test for loadbearing element – Walls.	
15	Protected Shaft (Lift)	BS 476 Part 4 : 1970 or  BS 476 Part 11 : 1982 or  EN 13501-1 + A1 : 2009 &	Fire tests on building materials and structures. Non-combustibility test for materials.  Fire tests on building materials and structures. Method of test for assessing the heat emission from building materials.  Fire classification of construction products and building elements. Classification using test data from reaction to fire tests	2
		BS 476 Part 20 : 1987 or  AS 1530 Part 4 : 2005 or  ASTM E119 – 95A or  ISO 834 : 2003 or  NFPA 251 : 2006 or	Fire tests on building materials and structures. Methods for determination of the fire resistance of non-load bearing elements of construction.  Methods of fire tests on building materials, components and structures – Fire resistance test of elements of construction.  Standard tests methods for fire tests of building construction and materials.  Fire resistance tests – Elements of building construction. Standard method of test of fire resistance of building construction and material.	5

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S/No	Product Description	Test Standard Number	Test Standard Description	Type
		EN 1364-1 : 1999 or	Fire resistance test for non-loadbearing element – Walls.	
		EN 1365-1 : 1999 &	Fire resistance test for loadbearing element – Walls.	
		BS 5588 Part 5 Appendix A : 2004 or	Partitions (including matching linings) Part 2 : Specification for performance requirements for strength and robustness in methods of test	
		BS 5234 Part 2 : 1992 &	Partitions (including matching linings) Part 2 : Specification for performance requirements for strength and robustness in methods of test	
		Clause 3.3 Building Code of Australia C 1.8 &	Building Code of Australia 1996 Vol. 1 : Structural tests for lightweight construction	
		EN 520 : 2004 + A1 : 2009 &	Gypsum plasterboards. Definitions, requirements and test methods	
		BS 1230 Part 1 : 1985 or	Gypsum Plasterboard – Part 1 : Specification for plasterboard excluding materials submitted to Secondary Operations	
		ISO 1896 : 1991	Products in fibre-reinforced cement - Non- combustible fibre-reinforced boards of calcium silicate or cement for insulation and fire protection	
16	Protected Shaft (Staircase or Services)	BS 476 Part 4 : 1970 or	Fire tests on building materials and structures. Non-combustibility test for materials.	2

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S/No	Product Description	Test Standard Number	Test Standard Description	Type
		BS 476 Part 11 : 1982 or  EN 13501-1 + A1 : 2009 &	Fire tests on building materials and structures. Method of test for assessing the heat emission from building materials.  Fire classification of construction products and building elements. Classification using test data from reaction to fire tests	
		BS 476 Part 22 : 1987 or  AS 1530 Part 4 : 2005 or  ASTM E119 – 95A or  ISO 834 : 2003 or  NFPA 251 : 2006 &  EN 1364-1 : 1999 or  EN 1365-1 : 1999 &	Fire tests on building materials and structures. Methods for determination of the fire resistance of non-load bearing elements of construction  Methods of fire tests on building materials, components and structures – Fire resistance test of elements of construction  Standard tests methods for fire tests of building construction and materials.  Fire resistance tests – Elements of building construction.  Standard method of test of fire resistance of building construction and material.  Fire resistance test for non-loadbearing element – Walls.  Fire resistance test for loadbearing element – Walls.	5

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S/No	Product Description	Test Standard Number	Test Standard Description	Type
		BS 5588 Part 5 Appendix A : 2004 or	Partitions (including matching linings) Part 2 : Specification for performance requirements for strength and robustness in methods of test	
		BS 5234 Part 2 : 1992 &  EN 520 : 2004 + A1 : 2009 or  BS 1230 Part 1 : 1985 or  ISO 1896 : 1991	Partitions (including matching linings) Part 2 : Specification for performance requirements for strength and robustness in methods of test  Gypsum plasterboards. Definitions, requirements and test methods.  Gypsum Plasterboard – Part 1 : Specification for plasterboard excluding materials submitted to Secondary Operations  Products in fibre-reinforced cement - Non- combustible fibre-reinforced boards of calcium silicate or cement for insulation and fire protection.	
17	Fire Rated Floor System	BS 476 Part 4 : 1970 or  BS 476 Part 11 : 1982 or  EN 13501-1 + A1 : 2009 &	Fire tests on building materials and structures. Non-combustibility test for materials.  Fire tests on building materials and structures. Method of test for assessing the heat emission from building materials.  Fire classification of construction products and building elements. Classification using test data from reaction to fire tests	2

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S/No	Product Description	Test Standard Number	Test Standard Description	Type
		BS 476 Part 21 : 1987 or  AS 1530 Part 4 : 2005 or  ISO 834 : 2003 or  EN 1365-2 : 2014	Fire tests on building materials and structures. Methods for determination of the contribution of components to the resistance of a structure.  Methods of fire tests on building materials, components and structures – Fire resistance test of elements of construction  Fire resistance tests – Elements of building construction.  Fire resistance tests for loadbearing elements. Floors and roofs	5
18	Fire Rated Ceiling System (Glass)	BS 476 Part 21 : 1987 or  AS 1530 Part 4 : 2005 or  ASTM E119 – 95A or  ISO 834 : 2003 or  NFPA 251 : 2006 &  BS 6206 : 1981 or	Fire tests on building materials and structures. Methods for determination of the fire resistance of non-load bearing elements of construction.  Methods of fire tests on building materials, components and structures – Fire resistance test of elements of construction.  Standard tests methods for fire tests of building construction and materials.  Fire resistance tests – Elements of building construction.  Standard method of test of fire resistance of building construction and material.  Specification for Impact Performance requirements for flat safety glass and safety plastics for use in buildings.	5

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S/No	Product Description	Test Standard Number	Test Standard Description	Type
		AS 2208 : 1996	Safety glazing materials in buildings.	
19	Compartmentation, Ceiling	BS 476 Part 4 : 1970 or  BS 476 Part 11 : 1982 or  EN 13501-1 + A1 : 2009 &	Fire tests on building materials and structures. Non-combustibility test for materials.  Fire tests on building materials and structures. Method of test for assessing the heat emission from building materials.  Fire classification of construction products and building elements. Classification using test data from reaction to fire tests	2
		BS 476 Part 22 : 1987 or  AS 1530 Part 4 : 2005 or  ASTM E119 – 95A or  ISO 834 : 2003 or  NFPA 251 : 2006	Fire tests on building materials and structures. Methods for determination of the fire resistance of non-load bearing elements of construction  Methods of fire tests on building materials, components and structures – Fire resistance test of elements of construction.  Standard tests methods for fire tests of building construction and materials.  Fire resistance tests – Elements of building construction.  Standard method of test of fire resistance of building construction and material.	5
20	Protection to Steel Beams that support RC floor	BS 476 Part 4 : 1970 or	Fire tests on building materials and structures. Non-combustibility test for materials.	2

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S/No	Product Description	Test Standard Number	Test Standard Description	Type
		BS 476 Part 11 : 1982 or  EN 13501-1 + A1 : 2009 &	Fire tests on building materials and structures. Method of test for assessing the heat emission from building materials.  Fire classification of construction products and building elements. Classification using test data from reaction to fire tests	
		BS 476 Part 23 : 1987 or  AS 1530 Part 4 : 2005 or  ISO 834 : 2003	Fire tests on building materials and structures. Methods for determination of the contribution of components to the resistance of a structure.  Methods of fire tests on building materials, components and structures – Fire resistance test of elements of construction.  Fire resistance tests – Elements of building construction.	5
21	Protection to Timber/Steel Flooring	BS 476 Part 4 : 1970 or  BS 476 Part 11 : 1982 or  EN 13501-1 + A1 : 2009 &	Fire tests on building materials and structures. Non-combustibility test for materials.  Fire tests on building materials and structures. Method of test for assessing the heat emission from building materials.  Fire classification of construction products and building elements. Classification using test data from reaction to fire tests	2

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S/No	Product Description	Test Standard Number	Test Standard Description	Type
		BS 476 Part 21 : 1987 or  AS 1530 Part 4 : 2005 or  ISO 834 : 2003	Fire tests on building materials and structures. Methods for determination of fire resistance of load bearing elements of construction.  Methods of fire tests on building materials, components and structures – Fire resistance test of elements of construction.  Fire resistance tests – Elements of building construction.	5
22	Protection to Steel Structure	BS 476 Part 4 : 1970 or  BS 476 Part 11 : 1982 or  EN 13501-1 + A1 : 2009 &	Fire tests on building materials and structures. Non-combustibility test for materials.  Fire tests on building materials and structures. Method of test for assessing the heat emission from building materials.  Fire classification of construction products and building elements. Classification using test data from reaction to fire tests	2
		BS 476 Part 21 : 1987 or  AS 1530 Part 4 : 2005 or	Fire tests on building materials and structures. Methods for determination of the contribution of components to the resistance of a structure.  Methods of fire tests on building materials, components and structures – Fire resistance test of elements of construction.	5



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S/No	Product Description	Test Standard Number	Test Standard Description	Type
		ISO 834 : 2003 &  BS 5234 Part 2 : 1992 or  ISO 1896 : 1991 or  EN 520 : 2004 + A1 : 2009 or	Fire resistance tests – Elements of building construction.  Partitions (including matching linings). Specification for performance requirements for strength and robustness including methods of test  Products in fibre-reinforced cement - Non- combustible fibre-reinforced boards of calcium silicate or cement for insulation and fire protection.  Gypsum plasterboards. Definitions, requirements and test methods.	
23	Protection to Fire Fighting System (ie. sprinkler, rising mains, hydrant etc)	FSB/PSB/001 (issue 1.3.2007)  BS 476 Part 4 : 1970 or  BS 476 Part 11 : 1982 or  EN 13501-1 + A1 : 2009 or	Fire resistance test on clad pipe and its penetration through wall.  Fire tests on building materials and structures. Non-combustibility test for materials.  Fire tests on building materials and structures. Method of test for assessing the heat emission from building materials.  Fire classification of construction products and building elements. Classification using test data from reaction to fire tests	2
		BS 476 Part 20 : 1987 or	Fire tests on building materials and structures. Methods for determination of the fire resistance of elements of construction (general principles)	5





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S/No	Product Description	Test Standard Number	Test Standard Description	Type
		EN 1366-8 : 1999 or EN 1366-9 : 1999 or	Fire resistance tests for service installations. Smoke extraction ducts Fire resistance tests for service installations. Single compartment smoke extraction ducts	
26	Fire Rated Board System (Structural Elements)	BS 476 Part 4 : 1970 or BS 476 Part 11 : 1982 or EN 13501-1 + A1 : 2009 &	Fire tests on building materials and structures. Non-combustibility test for materials. Fire tests on building materials and structures. Method of test for assessing the heat emission from building materials. Fire classification of construction products and building elements. Classification using test data from reaction to fire tests	2
		BS 476 Part 21 : 1987 or AS 1530 Part 4 : 2005 or ISO 834 : 2003	Fire tests on building materials and structures. Methods for determination of the contribution of components to the resistance of a structure Methods of fire tests on building materials, components and structures – Fire resistance test of elements of construction Fire resistance tests – Elements of building construction.	5
27	Portable Fire Extinguisher	SS EN 3-7 : 2012 SS EN 3-8 : 2012	Portable fire extinguishers - Characteristics, performance requirements and test methods. Portable fire extinguishers - Additional requirements to SS EN 3-	1b or 5

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S/No	Product Description	Test Standard Number	Test Standard Description	Type
		SS EN 3-9 : 2012	7 for the construction, resistance to pressure and mechanical tests for extinguishers with a maximum.  Portable fire extinguishers - Additional requirements to SS EN 3-7 for pressure resistance of CO2 extinguishers.	
28	Breeching Inlet	BS 5041 Part 3 : 1975	Fire hydrant systems equipment. Specification for inlet breechings for dry riser inlets.	1b or 5
29	Landing Valve	BS 5041 Part 1 : 1975	Fire hydrant systems equipment. Specification for inlet breechings for wet risers.	1b or 5
30	Fire Fighting Hose	BS 6391 : 1983	Specification for non-percolating lay flat delivery hoses and hose assemblies for fire-fighting purposes.	1b or 5
31	Fire Hose Reel	BS EN 671 Part 1 : 2001  SS 575 : 2012	Fixed fire fighting systems. Hose systems. Hose reels with semi-rigid hose.  Code of practice for fire hydrant, rising mains and hose reel systems.	1b or 5
32	Smoke Screen (Fixed)	EN 12101-1 : 2005 + A1 : 2006	Smoke and heat control systems. Specification for smoke barriers	5
33	Auditorium Seats	BS 5852 : 1990 Section 5 Ignition Source 0, 1 and 5	Methods of test for assessment of ignitability of upholstered seating by smoldering and flaming ignition sources.	1b or 5
34	Fire Rated Hatch	BS 476 Part 22 : 1987	Fire tests on building materials and structures. Methods for determination of the fire resistance of non-load bearing elements of construction.	1b or 5

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S/No	Product Description	Test Standard Number	Test Standard Description	Type
35	Fire Rated Refuse Hopper	BS 476 Part 22 : 1987 or	Fire tests on building materials and structures. Methods for determination of the fire resistance of non-load bearing elements of construction.	1b or 5
36	Bin/Linen Chute Door	BS 476 Part 22 : 1987 or	Fire tests on building materials and structures. Methods for determination of the fire resistance of non-load bearing elements of construction.	1b or 5
37	Fire Damper	SS 333 : 1996 Appendix A	Specification for fire dampers.	1b or 5
38	Door Closer	SS 332 : 2000 Clause 5 or	Specification for Fire Doors.	5
		BS EN 1154 : 1997 Incorporating Amendment no 1 and Corrigendum no 1	Building Hardware. Controlled door closing devices. Requirements and test methods.	
39	Fire Rated Glass Partition System	EN 1364-1 : 1999 or  BS 476 Part 22 : 1987 or  AS 1530 Part 4 : 2005 or  ASTM E119 – 95A or  ISO 834 : 2003 or	Fire resistance test for non-loadbearing element - Walls  Fire tests on building materials and structures. Methods for determination of the fire resistance of non-load bearing elements of construction.  Methods of fire tests on building materials, components and structures – Fire resistance test of elements of construction  Standard tests methods for fire tests of building construction and materials  Fire resistance tests – Elements of building construction.	5

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S/No	Product Description	Test Standard Number	Test Standard Description	Type
		NFPA 251 : 2006 &  BS 6206 : 1981 or  AS 2208 : 1999 or  EN 12600 : 2002	Standard method of test of fire resistance of building construction and material.  Specification for impact performance requirements for flat safety glass and safety plastics for use in buildings.  Safety glazing materials in buildings.  Glass in building. Pendulum test. Impact test method and classification for flat glass	
40	Fire Rated Glass Block System	BS 476 Part 22 : 1987 or  AS 1530 Part 4 : 2005 or  ASTM E119 – 95A or  ISO 834 : 2003 or  NFPA 251 : 2006 &  BS 6206 : 1981 or  AS 2208 : 1999 or	Fire tests on building materials and structures. Methods for determination of the fire resistance of non-load bearing elements of construction  Methods of fire tests on building materials, components and structures – Fire resistance test of elements of construction  Standard tests methods for fire tests of building construction and materials  Fire resistance tests – Elements of building construction.  Standard method of test of fire resistance of building construction and material.  Specification for Impact Performance requirements for flat safety glass and safety plastics for use in buildings.  Safety glazing materials in buildings.	5

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S/No	Product Description	Test Standard Number	Test Standard Description	Type
		EN 12600 : 2002	Glass in building. Pendulum test. Impact test method and classification for flat glass	
41	Fire Collar	BS 476 Part 20 : 1987 or	Fire tests on building materials and structures. Methods for determination of the fire resistance of non-load bearing elements of construction.	5
		BS 476 Part 22 : 1987 or	Methods for determination of the fire resistance of non load bearing elements of construction	
		EN 1366-3 : 2004 or	Fire resistance tests for service installation: Penetration seals.	
		EN 1366-4 : 2006 +A1 : 2010 or	Fire resistance tests for service installations. Linear joint seals	
		AS 1530 Part 4 : 2005 or	Methods of fire tests on building materials, components and structures – Fire resistance test of elements of construction	
		ASTM E119 – 95A or	Standard tests methods for fire tests of building construction and materials	
		ISO 834 : 2003 or	Fire resistance tests – Elements of building construction.	
		NFPA 251 : 2006 or	Standard method of test of fire resistance of building construction and material.	
		ASTM E814 : 2000 or	Standard Test Method for Fire Tests of Through-Penetration Fire Stops	



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S/No	Product Description	Test Standard Number	Test Standard Description	Type
		ASTM E2307 : 2004	Standard Test Method for Determining Fire Resistance of Perimeter Fire Barriers Using Intermediate-Scale, Multi-story Test Apparatus	
42	Fire Stopping Material	BS 476 Part 20 : 1987 or BS 476 Part 22 : 1987 or EN 1366-3 : 2004 or EN 1366-4 : 2006 + A1:2010 or AS 1530 Part 4 : 2005 or ASTM E119 – 95A or ISO 834 : 2003 or NFPA 251 : 2006 or ASTM E814 : 2000 or	<p>Fire tests on building materials and structures. Methods for determination of the fire resistance of non-load bearing elements of construction.</p> <p>Methods for determination of the fire resistance of non load bearing elements of construction</p> <p>Fire resistance tests for service installation: Penetration seals.</p> <p>Fire resistance tests for service installations. Linear joint seals</p> <p>Methods of fire tests on building materials, components and structures – Fire resistance test of elements of construction</p> <p>Standard tests methods for fire tests of building construction and materials</p> <p>Fire resistance tests – Elements of building construction.</p> <p>Standard method of test of fire resistance of building construction and material.</p> <p>Standard Test Method for Fire Tests of Through-Penetration Fire Stops</p>	5

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S/No	Product Description	Test Standard Number	Test Standard Description	Type
		ASTM E2307 : 2004	Standard Test Method for Determining Fire Resistance of Perimeter Fire Barriers Using Intermediate-Scale, Multi-story Test Apparatus	
43	Intumescent Coating	BS 8202 Part 2 : 1982 &  BS 476 Part 21 : 1987 or  AS 1530 Part 4 : 2005 or  ISO 834 : 2003	Coating for fire protection of building elements: Code of practice for the use of intumescent coating systems to metallic substrates for providing fire resistance.  Fire tests on building materials and structures. Methods for determination of the contribution of components to the resistance of a structure.  Methods of fire tests on building materials, components and structures – Fire resistance test of elements of construction.  Fire resistance tests – Elements of building construction.	5
44	Fire Extinguishing System for Kitchen Hood	UL 300 : 2005	Standard for fire testing of fire extinguishing systems for protection of commercial cooking equipment.	5
45	Fire Pump	AS 2941 : 1995 or  UL 448 : 2007 or  FM 1311 : 2007 or	Centrifugal stationary pumps for fire-protection service  Fixed fire protection installations – Pumpset system  Approval standards for centrifugal fire pumps split case type (axial or radial)	

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S/No	Product Description	Test Standard Number	Test Standard Description	Type
		FM 1317 : 2008 or	Approval standards for centrifugal fire pumps split case type (horizontal, end-suction type)	
46	Exit Sign (powered electrically)	SS 263 : Part 2 : 1998 or SS 508 Part 1 : 2004 or SS 508 Part 2 : 2008 or	Specification for luminaires - Luminaires for emergency lighting Graphical symbols – Safety colours and safety signs - Design principles for safety signs and safety markings Specification for graphical symbols - Safety colours and safety signs - Design principles for product safety labels	1b or 5
		SS 563 Part 1 : 2010 or SS 563 Part 2 : 2010	Code of practice for the design, installation and maintenance of emergency lighting and power supply systems in buildings - Part 1 : Emergency lighting Code of practice for the design, installation and maintenance of emergency lighting and power supply systems in buildings - Part 2 : Installation requirements and maintenance procedures	
47	Emergency Lighting (Self –Contained)	SS 263 : Part 2 : 1998 SS 563 Part 1 : 2010 or	Specification for luminaires - Luminaires for emergency lighting Code of practice for the design, installation and maintenance of emergency lighting and power supply systems in buildings - Part 1 : Emergency lighting	1b or 5

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S/No	Product Description	Test Standard Number	Test Standard Description	Type
		SS 563 Part 2 : 2010	Code of practice for the design, installation and maintenance of emergency lighting and power supply systems in buildings - Part 2 : Installation requirements and maintenance procedures	
48	Battery System (for exit signs and emergency lighting)	SS 563 Part 1 : 2010 or  SS 563 Part 2 : 2010	Code of practice for the design, installation and maintenance of emergency lighting and power supply systems in buildings - Part 1 : Emergency lighting  Code of practice for the design, installation and maintenance of emergency lighting and power supply systems in buildings - Part 2 : Installation requirements and maintenance procedures	1b or 5
49	Self-Luminous Sign (powered by radioactive material)	SS 508 Part 1 : 2004 or  SS 508 Part 2 : 2008 or  SS 563 Part 1 : 2010 or  SS 563 Part 2 : 2010	Graphical symbols – Safety colours and safety signs - Design principles for safety signs and safety markings  Specification for graphical symbols - Safety colours and safety signs - Design principles for product safety labels  Code of practice for the design, installation and maintenance of emergency lighting and power supply systems in buildings - Part 1 : Emergency lighting  Code of practice for the design, installation and maintenance of emergency lighting and power supply systems in buildings - Part 2 : Installation requirements and maintenance procedures	1b or 5

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S/No	Product Description	Test Standard Number	Test Standard Description	Type
50	Fire Alarm Panel	EN 54 Part 2 : 1997 &  EN 54 Part 4 : 1997 &  SS CP 10 : 2005	Fire detection and fire alarm systems. Control and indicating equipment  Fire detection and fire alarm systems. Power supply equipment  Code of Practice for the installation and maintenance of Emergency Lighting and Power Supply Systems in Buildings	1b or 5
51	Fire-rated Cable	SS 299 : Part 1 : 1998	Specification for fire resistant cables, Part 1 : Performance requirements for cables required to maintain circuit integrity under fire conditions	5
52	Smoke Curtain	EN 12101-1 : 2005 + A1 : 2006	Smoke and heat control systems. Specification for smoke barriers	1b
53	Household Shelter Door	SCDF File Ref: CD/FSSB/12/01/03/04 dated 8 Feb 2006	Technical Requirements for Storey Shelters 1997 Annex A	5
54	Storey Shelter Door	SCDF File Ref: CD/FSSB/12/01/03/04 dated 8 Feb 2006	Technical Requirements for Storey Shelters 1997 Annex A	5
55	Blast Hatch	SCDF File Ref: CD/FSSB/12/01/03/04 dated 8 Feb 2006 SCDF Synopsis dated 26 Oct 2010	Technical Requirements for Storey Shelters 1997 Annex A Cyclic test, water tightness test, galvanized coating test	5
56	Ventilation Sleeve	SCDF Synopsis dated 26 Oct 2010	Chemical Composition of Stainless Steel	5

**Foreign critical location :** Nil

**Country where certificates are issued:** Singapore