7.1.39. Structural Steelwork Test standards

i. BS 5950 The structural use of steelwork in buildings
ii. BS 5950-8: 2003 Structural use of steelwork in buildings – Part 8; Code of Practice for fire resistant design
iii. BS 476-20: Method for determination of the fire resistance of load bearing elements of construction (general principles)
iv. BS 476-21: Method for determination of the fire resistance of load bearing elements of construction
v. BS 476-23: Methods for determination of the fire resistance of the contribution of components to the fire resistance of a structure.
vi. EN 1363-1, Fire resistance tests — Part 1: General requirements
vii. EN 1363-2, Fire resistance tests — Part 2: Alternative and additional procedures
viii. EN 1365-3, Fire resistance tests for loadbearing elements — Part 3: Beams
ix. EN 1365-4, Fire resistance tests for loadbearing elements — Part 4: Columns
x. EN 1993-1-1, Eurocode 3: Design of steel structures — Part 1-1: General rules and rules for buildings
xi. EN 1993-1-2, Eurocode 3: Design of steel structures — Part 1-2: General rules — Structural fire design
xii. EN 13381-4, Test methods for determining the contribution to the fire resistance of structural members - Part 4: Applied passive protection to steel members
xiii. EN 13381-8, Test methods for determining the contribution to the fire resistance of structural members - Part 8: Applied reactive protection to steel members.

7.1.40. Kiosks shall be Class A with any of the following

i. Particleboard conforming to Type PBU of ANSI A208.1., not less than 6.4 mm thick.
ii. Foamed plastics having a maximum heat release rate not greater than 100 kW when tested in accordance with UL1975 or in accordance with NFPA289, Standard Method of Fire Test for Individual Fuel Packages, using the 20 kW ignition source.
iii. Textile confirming to NFPA 701, Standard Methods of Fire Tests for Flame Propagation of Textiles and Films or **section 7.1.10.** of this chapter.
iv. Metal Composite Panels confirming to **Section 7.1.24.** of this chapter.

7.1.41. Membrane Structure shall be Class A with any of the following

i. ASTM E 84, Standard Test Method of Surface Burning Characteristics of Building Materials
ii. UL 723, Standard for Test of Surface Burning Characteristics of Building Materials.
iii. BS 476 Part 7: Fire Tests on Building materials and structures; method of test to determine the classification of the surface spread of flame of products
iv. EN 13501-1 Fire classification of construction products and building elements. Classification using test data from reaction to fire tests
v. NFPA 701, Fire test to textiles and films.