

《建築物（建造）規例》

《建築物（建造）規例》已有闡述對建築物、街道、建築工程及街道工程的設計及建造效能的表現的要求。然而，規例並未訂明具體的指令式標準。

2. 附錄A載列可為建築事務監督接受的標準或技術性準則。符合這些標準和準則，可視為達到《建築物（建造）規例》中的效能表現要求。對基於其他標準或技術性準則所製備的圖則，只要申請人可以證明該圖則能夠達到上述效能表現要求，亦可獲得批准。如於呈交圖則時，同時附上有關標準或技術性準則的詳細背景資料，並說明其對本地情況的相配性，將有助審批圖則。

3. 如有意採用附錄A以外的其他標準，請盡早與屋宇署聯絡，以取得屋宇署原則上的同意。



建築事務監督許少偉

檔 號：BD GR/BREG/C/23

本作業備考前稱《認可人士及註冊結構工程師作業備考》140
初 版：1990年12月

上次修訂版：2011年3月

本修訂版：2016年7月(助理署長/拓展2)-修訂附錄A

建築事務監督可接受的標準/技術性準則

(1) 設計及建造

類別	標準/技術性準則	標題
混凝土	香港作業守則	2013年混凝土結構使用作業守則
耐火結構	香港作業守則	2011 年建築物消防安全守則
基礎	香港作業守則	基礎作業守則
預製混凝土	香港作業守則	2016年預製混凝土建造作業守則
鋼材	香港作業守則	2011年鋼結構作業守則
	說明資料	Explanatory Materials to Code of Practice for the Structural Use of Steel 2011
	BS 4076: 1989	Specification for steel chimneys
風力效應	香港作業守則	香港風力效應守則2004年
	說明資料	香港風力效應作業守則2004年說明資料
恆載及外加荷載	香港作業守則	恆載及外加荷載作業守則2011年
鋁材	BS 8118: Part 1: 1991 [^]	Structural use of aluminium. Code of practice for design
玻璃	BS 6262: Part 1-4, 6 & 7: 2005	Glazing for buildings
	BS 6262: Part 5: 1982 [#]	Code of practice for glazing for buildings
	BS 5516: Part 1 & 2: 2004	Patent glazing and sloping glazing for buildings

類別	標準/技術性準則	標題
不銹鋼材	SCI Publication P291	Structural Design of Stainless Steel
木材	BS 5268-2:2002	Structural Use of Timber. Code of Practice for Permissible Stress Design, Materials and Workmanship
	BS 5268-3:2006	Structural Use of Timber. Code of Practice for Truss Rafter Roofs
	BS 5268-4:1990	Structural Use of Timber. Fire Resistance of Timber Structures
其他	BS 5628: Part 1: 2005	Code of practice for the use of masonry. Structural use of unreinforced masonry
	BS 6031: 1981	Code of practice for earthworks
	BS 8298: 1994	Code of practice for design and installation of natural stone cladding and lining

部分BS6262：1982已被BS6262：2005取代。在發出BS6262:2005全部7個部分的修訂版後，BS6262：1982會被撤銷。

^ BS 8118：Part 1：1991 (BS 8118) 已被BS EN 1999的不同部分取代，兩者皆採用極限狀態設計方法。屋宇署會繼續接受採用BS 8118設計應用於本地的結構鋁工程。由2017年1月1日起，風荷載的荷載分項系數應設定為1.4，以取代BS 8118表3.1訂明的相應荷載分項系數，如已獲批准的結構圖則已把原有設計的風荷載的荷載分項系數按BS 8118設定為1.2，則呈交的修訂圖則不受此限。

(2) 物料、施工質量及試驗

(a) 混凝土

類別	標準/技術性準則	標題
物料、鋼筋、試驗	香港作業守則	2013年混凝土結構使用作業守則
	BS 3892: Part 1: 1997 ^{*1}	Pulverized-fuel ash. Specification for pulverized-fuel ash for use as a cementitious component in structural concrete (The criterion for water requirement may not apply)
鋼筋 — 卷材和開卷產品	BS 4449:2005 + A2:2009	Steel for the reinforcement of concrete – Weldable reinforcing steel – Bar, coil and decoiled product - Specification
用於小型結構工程或非結構工程上的訂明配料的混凝土	BS EN 206: 2013 BS 8500 Part 1: 2015 Part 2: 2015	Concrete – Specification, performance, production and conformity Concrete – Complementary British Standard to BS EN 206: 2013 Part 1: Method of specifying and guidance for the specifier Part 2: Specification for constituent materials and concrete

^{*1} 有關《2013年混凝土結構作業守則》附錄A內所載的認可標準，應參考此修訂版。

(b) 鋼材

類別	標準/技術性準則	標題
物料、螺栓、焊枝、焊接標準、焊接程序規格、焊接人員資格鑒定考驗、防護處理、物料的破壞性測試方法、物料的非破壞性測試方法	香港作業守則	2011年鋼結構作業守則

(c) 鋁材

類別	標準/技術性準則	標題
物料	BS 8118: Part 2: 1991	Structural use of aluminium. Specification for materials, workmanship and protection
	BS 1161: 1977	Specification for aluminium alloy sections for structural purposes
	BS EN 485 Part 1: 1994 Part 2: 2008 Part 3: 2003 Part 4: 1994	Aluminium and aluminium alloys. Sheet, strip and plate
	BS EN 515: 1993	Aluminium and aluminium alloys. Wrought products. Temper designations
	BS EN 573 Part 1: 2004 Part 2: 1995 Part 3: 2009	Aluminium and aluminium alloys. Chemical composition and form of wrought products
	BS EN 755 Part 1: 2008 Part 2: 2008 Part 3-6: 2008 Part 7-8: 2008 Part 9: 2008	Aluminium and aluminium alloys. Extruded rod/bar, tube and profiles
	BS EN 12020 Part 1 : 2001 Part 2: 2008	Aluminium and aluminium alloys. Extruded precision profiles in alloys EN AW-6060 and EN AW-6063
接駁	BS 1473: 1972	Specification for wrought aluminium and aluminium alloys for general engineering purposes – rivet, bolt and screw stock
	BS 1494 Part 1: 1964	Specification for fixing accessories for building purposes. Fixings for sheet, roof and wall coverings

類別	標準/技術性準則	標題
焊接	BS 4872 Part 2: 1976	Specification for approval testing of welders when welding procedure approval is not required. TIG or MIG welding of aluminium and its alloys
	BS EN 1011 Part 4: 2000	Welding. Recommendations for welding of metallic materials. Arc welding of aluminium and aluminium alloys
	BS EN ISO 4063: 2000	Welding and allied processes. Nomenclature of processes and reference numbers
	BS EN ISO 9606 Part 2: 2004	Qualification test of welders. Fusion welding. Aluminium and aluminium alloys
	BS EN ISO 15614 Part 2: 2005	Specification and qualification of welding procedures for metallic materials. Welding procedure test. Arc welding of aluminium and its alloys
試驗	BS EN 970: 1997	Non-destructive examination of fusion welds. Visual examination
	BS EN 10002 Part 1: 2001	Tensile testing of metallic materials. Method of test at ambient temperature
	BS EN ISO 6506 Part 1: 2005	Metallic materials. Brinell hardness test. Test method
	BS EN ISO 6507 Part 1: 2005	Metallic materials. Vickers hardness test. Test method
	BS EN ISO 7438: 2005	Metallic materials. Bend test

(d) 木材

類別	標準/技術性準則	標題
防腐處理	BS 5268-5: 2000	Structural Use of Timber. Code of Practice for the Preservative Treatment of Structural Timber.

(e) 玻璃

類別	標準/技術性準則	標題
物料	BS 952 Part 1: 1995 Part 2: 1980	Glass for glazing
	BS 6206: 1981	Specification for impact performance requirements for flat safety glass and safety plastics for use in buildings
	BS EN 572 Part 1-9: 2004	Glass in building. Basic soda lime silicate glass products
	BS EN 1863 Part 1: 2000 Part 2: 2004	Glass in building. Heat strengthened soda lime silicate glass
	BS EN 12150 Part 1: 2000 Part 2: 2004	Glass in building. Thermally toughened soda lime silicate safety glass
	BS EN 14179 Part 1 & 2: 2005	Glass in building. Heat soaked thermally toughened soda lime silicate safety glass
	BS EN ISO 12543 Part 1, 3-6: 1998	Glass in building. Laminated glass and laminated safety glass
	ASTM E2190 – 02	Standard Specification for Insulating Glass Unit Performance and Evaluation
試驗	BS 6206: 1981	Specification for impact performance requirements for flat safety glass and safety plastics for use in buildings
	BS EN 12600: 2002	Glass in building. Pendulum test. Impact test method and classification for flat glass

(f) 不銹鋼材

類別	標準/技術性準則	標題
物料	BS EN 10088 Part 1-3: 2005	Stainless steels
螺栓	BS EN ISO 3506 Part 1 to 3: 2009	Mechanical properties of corrosion-resistant stainless steel fasteners
焊枝	DD ENV 1090 Part 6 : 2001	Execution of steel structures. Supplementary rules for stainless steel
焊接標準	BS EN 1011 Part 3: 2000	Welding. Recommendations for welding of metallic materials. Arc welding of stainless steels
焊接程序規格	BS EN ISO 15614 Part 1: 2004 + A1:2008 Part 8: 2002	Specification and qualification of welding procedures for metallic materials. Welding procedure test
焊接人員資格鑒定考驗	BS EN 287 Part 1: 2011	Qualification test of welders. Fusion welding. Steels
物料的測試方法	BS EN 10045 Part 1:1990	Charpy impact test on metallic materials. Test method (V- and U-notches)
	BS EN ISO 148 Part 1:2010	Metallic materials – Charpy pendulum impact test. Test method
	BS EN 10002 Part 1: 2001	Tensile testing of metallic materials. Method of test at ambient temperature
	BS EN ISO 6892 Part 1:2009	Metallic materials – Tensile testing. Method of test at ambient temperature
焊縫的無損檢測	BS EN 970: 1997	Non-destructive examination of fusion welds. Visual examination

類別	標準/技術性準則	標題
焊縫的無損檢測	BS EN ISO 17637:2011	Non-destructive testing of welds. Visual testing of fusion-welded joints
	BS EN 571 Part 1:1997	Non-destructive testing. Penetrant testing. General principles
	BS EN ISO 3452 Part 1:2013	Non-destructive testing. Penetrant testing. General principles
	BS EN 1714:1998	Non destructive testing of welded joints. Ultrasonic testing of welded joints
	BS EN ISO 17640 : 2010	Non-destructive testing of welds. Ultrasonic testing, Techniques, testing levels and assessment
	BS EN ISO 5817 : 2007	Welding – Fusion-welded joints in steel, nickel, titanium and their alloys (beam welding excluded) – Quality levels for imperfections

(g) 其他物料

類別	標準/技術性準則	標題
密封劑	BS 6213: 2000	Selection of construction sealants. Guide
	BS 3712 Part 1: 1991 Part 2: 1973 Part 3: 1974 Part 4: 1991	Building and construction sealants

石膏灰泥	BS 1191 Part 1 & 2: 1973	Specification for gypsum building plasters
石膏板	BS 1230: Part 1: 1985	Gypsum plasterboard. Specification for plasterboard excluding materials submitted to secondary operations
類別	標準/技術性準則	標題
木絲板	BS 1105: 1981	Specification for wood wool cement slabs up to 125mm thick
天然石塊	BS EN 12372: 1999	Natural stone test methods. Determination of flexural strength under concentrated load
	ASTM C880 – 09	Standard Test Method for Flexural Strength of Dimension Stone
	ASTM C1354 – 09	Standard Test Method for Strength of Individual Stone Anchorages in Dimension Stone
砌石	BS 3921: 1985	Specification for clay bricks
防火試驗	BS 476 Part 4 : 1970 Part 20: 1987 Part 21: 1987 Part 22: 1987 Part 23: 1987 Part 24: 1987	Fire tests on building materials and structures
錨固	BS 5080 Part 1: 1993 Part 2: 1986	Structural fixings in concrete and masonry

註： 本表以及作業守則中所提到的版本應已包括2016年7月之前的所有修訂。表列版本是最適合本港情況的版本，但並不一定是該等標準的最新版本。

(2016年7月修訂版)