

BS Codes

Loadings

BS 5400 : steel concrete and composite bridges

Part 2 : 1978 : specification for loads

BS 6399 : loading for buildings

Part 1 : 1996 : code of practice for dead and imposed loads

Part 2 : 1997 : code of practice for wind loads

Part 3 : 1988 : code of practice for imposed roof loads

BS 8100 : lattice towers and masts

Part 1 : 1986 : code of practice for loading

CP3 : code of basic data for the design of buildings

Chapter v : part 2 : 1972 : wind loads

DD ENV1991 : eurocode 1 : basis of design and actions on structures

DD ENV1991-2-2 : 1996 : actions on structures exposed to fire (together with UK nad)

DD ENV1991-2-3 : 1996 : actions on structures : snow loads

DD ENV1991-2-4 : 1997 actions on structures : wind actions (together with UK nad)

DD ENV1991-4 : 1996 : actions in silos and tanks



Concrete Design

BS 8110 : Structural use of concrete

BS 4466:1989 Specifications for scheduling, dimensioning , bending and cutting of steel reinforcement for concrete

BS 8007 :1987 Code of practice of concrete structures for retaining aqueous liquids

BS 8002 :1994 Code of practice for earth retaining structures

BS 8004 :1994 Code of practice for foundations

CP 114, The structural use of normal reinforced concrete in buildings

CP 115, The structural use of prestressed concrete in buildings

CP 116, The structural use of precast concrete

CP 110, Code of practice for structural use of concrete

BS 5337, Code of practice for the structural use concrete for retaining aqueous liquids



Structural Steel Sections

BS 4 : part 1 : 1993 : structural steel sections. Specification for hot-rolled sections

BS 4848 : hot rolled structural steel sections

Part 4 : 1972(1986) : equal and unequal angles

I

BS EN 10024 : 1995 : hot rolled taper flange I sections : tolerances on shape and dimensions

BS EN 10029 : 1991 : tolerances on dimensions, shape and mass for hot rolled steel plates 3mm thick or above

BS EN 10034 : 1993 : structural steel I and h sections : tolerances on shape and dimensions

BS EN 10051 : 1992 + a1 : 1997 : specification for continuously hot-rolled uncoated plate, sheet and strip of non-alloy and alloy steels.

Tolerances on dimensions and shape (including amendment a1 : 1997)

BS EN 10055 : 1996 : hot rolled steel equal flange tees with radiused root and toes : dimensions and tolerances on shape and dimensions

BS EN 10056-2 : 1993 : specification for structural steel equal and unequal angles : tolerances on shape and dimensions

BS EN 10067 : 1997 : hot rolled bulb flats : dimensions and tolerances on shape, dimensions and mass

BS EN 10163 : specification for delivery requirements for surface conditions of hot-rolled steel plates, wide flats and sections

BS EN 10163-1 : 1991 : general requirements

BS EN 10163-2 : 1991 : plates and wide flats

BS EN 10163-3 : 1991 : sections



Cold Rolled Sections

BS 1449 : steel plate, sheet and strip

Section 1.9 : 1991 : specification for cold rolled narrow strip based on formability

BS 2994 : 1976 (1987) : specification for cold rolled steel sections

BS 5950 : structural use of steelwork in buildings

Part 5 : 1987 : code of practice for the design of cold rolled sections

Part 6 : 1995 : code of practice for design of light gauge profiled steel sheeting

Part 7 : 1992 : specification for materials and workmanship : cold formed sections

Part 9 : 1994 : code of practice for stressed skin design

BS EN 10048 : 1997 : hot rolled narrow steel strip : tolerances on dimensions and shape

BS EN 10130 : 1991 : cold rolled low carbon steel flat products for cold forming : technical delivery conditions

BS EN 10131 : 1991 : cold rolled uncoated low carbon and high yield strength steel flat products for cold forming

BS EN 10140 : 1997 : cold rolled narrow steel strip : tolerances on dimensions and shape

BS EN 10142 : 1991 + a1 : 1995 : continuously hot-dip zinc coated low carbon steel sheet and strip for cold forming : technical delivery conditions (including amendment a1 : 1995)

BS EN 10143 : 1993 : continuously hot dip metal coated steel sheet and strip : tolerances on dimensions and shape

BS EN 10147 : 1992 + a1 : 1995 : continuously hot-dip zinc coated structural steel sheet and strip : technical delivery conditions (including amendment a1 : 1995)



Structural Steel Design

BS 449 : specification for the use of structural steel in building

Part 2 : 1969 : metric units

BS 2573 : rules for the design of cranes

Part 1 : 1983 : specification for classification, stress calculations and design criteria for structures

BS 2853 : 1957 : specification for the design and testing of steel overhead runway beams

BS 4076 : 1989 : specification for steel chimneys

BS 4211 : 1994 : specification for ladders for permanent access to chimneys, other high structures, silos and bins

BS 5395 : stairs, ladders and walkways

Part 1 : 1977(1984) : code of practice for the design of straight stairs

Part 2 : 1984 : code of practice for the design of helical and spiral stairs

Part 3 : 1985 : code of practice for the design of industrial type stairs, permanent ladders and walkways

BS 5400 : steel, concrete and composite bridges

Part 3 : 1982 : code of practice for design of steel bridges

Part 5 : 1979 : code of practice for design of composite bridges

Part 9 : 1983 : bridge bearings

Part 10 : 1980 : code of practice for fatigue

BS 5427 : code of practice for the use of profiled sheet for roof and wall cladding on buildings

Part 1 : 1996 : design



BS 5950 : structural use of steelwork in building

Part 1 : 1990 : code of practice for design in simple and continuous construction : hot rolled sections

Part 3 : section 3.1 : 1990 : design of simple and continuous composite beams

Part 4 : 1994 : code of practice for design of floors with profiled steel sheeting

Part 5 : 1987 : code of practice for design of cold formed sections

Part 6 : 1995 : code of practice for design of light gauge profiled steel sheeting

Part 8 : 1990 : code of practice for fire resistant design

Part 9 : 1994 : code of practice for stressed skin design

BS 5973 : 1993 : access and working scaffolds and special scaffold structures in steel

BS 5975 : 1996 : code of practice for false work

BS 6180 : 1995 : code of practice for barriers in and about buildings

BS 7608 : 1993 : code of practice for fatigue design and assessment of steel structures

BS 8100 : lattice towers and masts

Part 2 : 1986 : guide to the background and use of part 1

Part 4 : 1995 : code of practice for loading of guyed masts

Dd 133 : 1986 : code of practice for strength assessment of members of lattice towers and masts



Steel Fabrication & Erection

BS 4604 : specification for the use of high strength friction grip bolts in structural steelwork. Metric series

Part 1 : 1970 : general grade

Part 2 : 1970 : higher grade (parallel shank)

BS 5400 : steel, concrete and composite bridges

Part 6 : 1980 : specification for materials and workmanship, steel

BS 5531 : 1988 : code of practice for safety in erecting structural frames

BS 5950 : structural use of steelwork in building

Part 2 : 1992 : specification for materials, fabrication and erection : hot rolled sections

Part 7 : 1992 : specification for materials and workmanship : cold formed sections

