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EN 1994, dimensionering av samverkanskonstruktioner i stål och betong

Eurokod 4 för samverkanskonstruktioner i stål och betong består av tre delar. De förtecknas nedan

SS-EN 1994-1-1

Eurokod 4: Dimensionering av samverkanskonstruktioner i stål och betong - Del 1-1: Allmänna regler och regler för byggnader
(Eurocode 4: Design of composite steel and concrete structures - Part 1-1: General rules and rules for buildings)

Engelsk språkversion blev färdig i december 2004.
Fastställdes som svensk standard i januari 2005.

Rättelser och tillägg

SS-EN 1994-1-1 2005 AC 2009.PDF

Omfattning

EN 1994 anger dimensioneringsregler för samverkanskonstruktioner av stål och betong. Dels allmänna regler och särskilda regler för byggnader.

Normativa hänvisningar i standarden

EN 1994-1-1 hänvisar till 15 standarder de flesta av dessa är för närvarande (januari 2005) under utarbetande. Av de refererade standarderna är 7 andra eurokoder flera av dessa är det är det i de flesta fall nödvändigt att ha tillgång till för att kunna använda EN 1994-1-1.

EN 1090-2 Execution of steel structures and aluminium structures - Technical rules for the execution of steel structures

EN 1990: 2002 Basis of structural design.

EN 1992-1-1 Eurocode 2: Design of concrete structures: General rules and rules for buildings

EN 1993-1-1 Eurocode 3: Design of steel structures: General rules and rules for buildings

EN 1993-1-3 Eurocode 3: Design of steel structures: Cold-formed thin gauge members and sheeting

EN 1993-1-5 Eurocode 3: Design of steel structures: Plated structural elements

EN 1993-1-8 Eurocode 3: Design of steel structures: Design of joints

EN 1993-1-9 Eurocode 3: Design of steel structures: Fatigue strength of steel structures

EN 10025-1: 2002 Hot-rolled products of structural steels: General delivery conditions

EN 10025-2: 2002 Hot-rolled products of structural steels: Technical delivery conditions for non-alloy structural steels

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EN 10025-3: 2002 Hot-rolled products of structural steels: Technical delivery conditions for normalized/normalized rolled weldable fine grain structural steels

EN 10025-4: 2002 Hot-rolled products of structural steels: Technical delivery conditions for thermomechanical rolled weldable fine grain structural steels

EN 10025-5: 2002 Hot-rolled products of structural steels: Technical delivery conditions for structural steels with improved atmospheric corrosion resistance

EN 10025-6: 2002 Hot-rolled products of structural steels: Technical delivery conditions for flat products of high yield strength structural steels in the quenched and tempered condition

EN 10147: 2000 Continuously hot-dip zinc coated structural steels strip and sheet: Technical delivery conditions

EN 10149-2: 1995 Hot-rolled flat products made of high yield strength steels for cold-forming: Delivery conditions for thermomechanically rolled steels

EN 10149-3: 1995 Hot-rolled flat products made of high yield strength steels for cold-forming: Delivery conditions for normalised or normalised rolled steels

SS-EN 1994-1-2

Eurokod 4: Dimensionering av samverkanskonstruktioner i stål och betong - Del 1-2: Allmänna regler - Brandteknisk dimensionering

(Eurocode 4: Design of composite steel and concrete structures - Part 1-2: Part 1-2: General rules - Structural fire design)

Engelsk språkversion blev färdig i september 2005.

Fastställdes som svensk standard i oktober 2005.

Rättelser och tillägg

Rättelseförslag (SC 4 N 333)

Omfattning

EN 1994-1-2 anger dimensioneringsregler för branddimensionering samverkanskonstruktioner av stål och betong.

Normativa hänvisningar i standarden

EN 1994-1-2 hänvisar till ett 20 tal standarder. Av de refererade standarderna är merparten andra eurokoder flera av dessa är det är det i de flesta fall nödvändigt att ha tillgång till för att kunna använda EN 1994-1-2.

EN 1365 -1 Fire resistance tests for loadbearing elements – Part 1: Walls

EN 1365 -2 Fire resistance tests for loadbearing elements – Part 2: Floors and roofs

EN 1365 -3 Fire resistance tests for loadbearing elements – Part 3: Beams

EN 1365 -4 Fire resistance tests for loadbearing elements – Part 4: Columns

EN 10025-1 Hot-rolled products of structural steels - Part 1: General technical delivery conditions

EN 10025-2 Hot-rolled products of structural steels - Part 2: Technical delivery conditions for non-alloy structural steels

EN 10025-3 Hot-rolled products of structural steels - Part 3: Technical delivery conditions for normalized/normalized rolled weldable fine grain structural steels

EN 10025-4 Hot-rolled products of structural steels - Part 4: Technical delivery conditions for thermomechanical rolled weldable fine grain structural steels

EN 10025-5 Hot-rolled products of structural steels - Part 5: Technical delivery conditions for structural steels with improved atmospheric corrosion resistance

EN 10025-6 Hot-rolled products of structural steels - Part 6: Technical delivery conditions for flat products of high yield strength structural steels in the quenched and tempered condition

EN 10080 Steel for the reinforcement of concrete - Weldable reinforcing steel General

EN 10210-1 Hot finished structural hollow sections of non-alloy and fine grain structural steels – Part 1 : Technical delivery conditions

EN 10219-1 Cold formed welded structural hollow sections of non-alloy and fine grain structural steels – Part 1: Technical delivery conditions

ENV 13381-1 Test methods for determining the contribution to the fire resistance of structural members – Part 1: Horizontal protective membranes

ENV 13381-2 Test methods for determining the contribution to the fire resistance of structural members – Part 2: Vertical protective membranes

ENV 13381-3 Test methods for determining the contribution to the fire resistance of structural members – Part 3: Applied protection to concrete members

ENV 13381-4 Test methods for determining the contribution to the fire resistance of structural members – Part 4: Applied protection to steel members

ENV 13381-5 Test methods for determining the contribution to the fire resistance of structural members – Part 5: Applied protection to concrete/profiled sheet composite members

ENV 13381-6 Test methods for determining the contribution to the fire resistance of structural members – Part 6: Applied protection to concrete filled hollow sheet columns

EN 1990 Eurocode: Basis of structural design

EN 1991 -1-1 Eurocode 1 : Actions on Structures – Part 1.1: General Actions - Densities, selfweight and imposed loads

EN 1991 -1-2 Eurocode 1 : Actions on Structures – Part 1.2: General Actions - Actions on structures exposed to fire

EN 1991 -1-3 Eurocode 1 : Actions on Structures – Part 1.3: General Actions - Actions on structures - Snow loads

EN 1991 -1-4 Eurocode 1 : Actions on Structures – Part 1.4: General Actions - Actions on structures - Wind loads

EN 1992-1-1 Eurocode 2: Design of concrete structures - Part 1.1: General rules and rules for buildings

EN 1992-1-2 Eurocode 2: Design of concrete structures - Part 1.2: Structural fire design

EN 1993-1-1 Eurocode 3: Design of steel structures - Part 1.1: General rules and rules for buildings

EN 1993-1-2 Eurocode 3: Design of steel structures - Part 1.2: Structural fire design

EN 1993-1-5 Eurocode 3: Design of steel structures - Part 1.5: Plated structural elements

EN 1994-1-1 Eurocode 4: Design of composite steel and concrete structures - Part 1.1: General

rules and rules for buildings

SS-EN 1994-2

Eurokod 4: Dimensionering av samverkanskonstruktioner i stål och betong - Del 2: Broar
(Eurocode 4: Design of composite steel and concrete structures - Part 2: Part 2: General rules -
General rules and rules for bridges)

Engelsk språkversion blev färdig i oktober 2005.
Fastställdes som svensk standard i december 2005.

Rättelser och tillägg

[Rättelseblad AC till EN 1994-2;2005.pdf](#)

Omfattning

EN 1994-2 anger dimensioneringsregler för broar av samverkanskonstruktioner av stål och betong.

Normativa hänvisningar i standarden

EN 1994-2 hänvisar till ett 20 tal standarder. Av de refererade standarderna är de refererade andra eurokoderna med nationell bilaga i de flesta fall nödvändigt att ha tillgång till för att kunna använda EN 1994-2. Alla refererade standarder är ännu inte (december 2005) publicerade. Detta gäller t ex. EN 1090-2.

EN 1090-2 Execution of steel structures and aluminium Structures-Part 2: Technical requirements for the execution of steel structures

EN 1990: 2002 Basis of structural design

EN 1992-1-1: 2004 Eurocode 2: Design of concrete structures- Part 1-1: General rules and rules for buildings

EN 1993-1-1: 2005 Eurocode 3: Design of steel structures – Part 1-1: General rules and rules for buildings

EN 1993-1-3 1 Eurocode 3: Design of steel structures – Part 1-3: Cold-formed thin gauge members and sheeting

EN 1993-1-5 1 Eurocode 3: Design of steel structures- Part 1-5: Plated structural elements

EN 1993-1-8: 2005 Eurocode 3: Design of steel structures – Part 1-8: Design of joints

EN 1993-1-9: 2005 Eurocode 3: Design of steel structures – Part 1-9: Fatigue strength of steel structures

EN 1993-1-11 1 Eurocode 3: Design of steel structures – Part 1-11: Design of structures with tension components

EN 10025-1: 2004 Hot-rolled products of structural steels - Part 1: General delivery conditions

EN 10025-2: 2004 Hot-rolled products of structural steels - Part 2: Technical delivery conditions for non-alloy structural steels

EN 10025-3: 2004 Hot-rolled products of structural steels - Part 3: Technical delivery conditions for normalized/normalized rolled weldable fine grain structural steels

EN 10025-4: 2004 Hot-rolled products of structural steels - Part 4: Technical delivery conditions for thermomechanical rolled weldable fine grain structural steels

EN 10025-5: 2004 Hot-rolled products of structural steels – Part 5: Technical delivery conditions

for structural steels with improved atmospheric corrosion resistance

EN 10025-6: 2004 Hot-rolled products of structural steels – Part 6: Technical delivery conditions for flat products of high yield strength structural steels in the quenched and tempered condition

EN 10326: 2004 Continuously hot-dip coated strip and sheet of structural steel - Technical delivery conditions

EN 10149-2: 1995 Hot-rolled flat products made of high yield strength steels for cold-forming - Part 2: Delivery conditions for thermomechanically rolled steels

EN 10149-3: 1995 Hot-rolled flat products made of high yield strength steels for cold-forming – Part 3: Delivery conditions for normalised or normalised rolled steels

EN ISO 13918: 1998 Studs and ceramic ferrules for arc stud welding

EN ISO 14555: 1998 Arc stud welding of metallic materials

EN 1990: Annex 2 1 Basis of structural design: Application for bridges

EN 1991-1-5: 2003 Actions on structures. Part 1-5: General actions – Thermal actions

EN 1991-1-6: 2005 Actions on structures. Part 1-6: General actions – Actions during execution

EN 1991-2: 2003 Actions on structures: Part 2: Traffic loads on bridges

EN 1992-21 Design of concrete structures. Part 2 – Bridges

EN 1993-2 1 Design of steel structures. Part 2 – Bridges