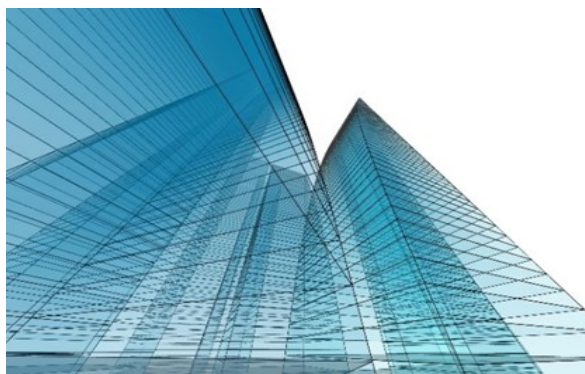


EUROCODES

Structural Eurocodes are “the rules for basis of design, actions on structures, geotechnical design as well as structural design rules for the use of all the major materials i.e. concrete, steel, composite steel and concrete, timber, masonry, and aluminum.”

(Source: CEN - Business Plan_V9 - CEN/TC 250 - July 2020)



MAIN TECHNICAL COMMITTEES ON EUROCODES STANDARDIZATION

- European level -

➤ CEN/TC 250 – Structural Eurocodes

Standards

115

Projects

54

National delegates

28

Scope

Standardization of structural and geotechnical design rules for building and civil engineering works taking into account the relationship between design rules and the assumptions to be made for materials, execution and control.

4 Working Groups under TC

WG 1 Policy, procedures and links with other standards
WG 4 Fibre reinforced polymer structures

WG 5 Membrane Structures
WG 6 Robustness

11 Sub-Committees (with Working Groups)

SC 1 Eurocode 1: Actions on structures (7 WG)
SC 3 Eurocode 3: Design of steel structures (21 WG)
SC 5 Eurocode 5: Design of timber structures (10 WG)
SC 7 Eurocode 7: Geotechnical design (1 WG)
SC 9 Eurocode 9: Design of aluminium structures (3 WG)
SC 11 Structural Glass (1 WG)

SC 2 Eurocode 2: Design of concrete structures (3 WG)
SC 4 Eurocode 4: Design of composite steel and concrete structures (1 WG)
SC 6 Eurocode 6: Design of masonry structures (4 WG)
SC 8 Eurocode 8: Earthquake resistance design of structures (7 WG)
SC 10 EN 1990 Basis of structural design (4 WG)

- National level -

➤ ILNAS/TC 100 – Eurocodes

“STAND-BY”

Standards

58

Projects

0

National delegates

0

Scope

National Annexes for structural Eurocodes.

MAIN STANDARDS ON EUROCODES

Eurocode - Basis of structural and geotechnical design		CEN/TS 19103:2021	Structural design of timber-concrete composite structures - Common rules and rules for buildings
EN 1990:2023	Basis of structural and geotechnical design	Eurocode 6 - Design of masonry structures	
Eurocode 1 - Actions on structures		EN 1996-1-1:2022	Part 1-1: General rules for reinforced and unreinforced masonry structures
EN 1991-1-1:2002	Part 1-1: General actions - Densities, self-weight, imposed loads for buildings - <i>Technical Corrigendum in 2009</i>	EN 1996-1-2:2005	Part 1-2: General rules - Structural fire design <i>Technical Corrigendum in 2010</i>
EN 1991-1-2:2024	Part 1-2: General actions - Actions on structures exposed to fire	EN 1996-2:2006	Part 2: Design considerations, selection of materials and execution of masonry - <i>Technical Corrigendum in 2009</i>
EN 1991-1-3:2003	Part 1-3: General actions - Snow loads <i>Technical Corrigendum in 2009; Amended in 2015</i>	EN 1996-3:2023	Part 3: Simplified calculation methods for unreinforced masonry structures
EN 1991-1-4:2005	Part 1-4: General actions - Wind actions <i>Technical Corrigendum in 2010; Amended in 2010</i>	Eurocode 7 - Geotechnical design	
EN 1991-1-5:2003	Part 1-5: General actions - Thermal actions <i>Technical Corrigendum in 2009</i>	EN 1997-2:2007	Part 2: Ground investigation and testing <i>Technical Corrigendum in 2010</i>
EN 1991-1-6:2005	Part 1-6: General actions - Actions during execution - <i>Technical Corrigendum in 2013</i>	Eurocode 8 - Design of structures for earthquake resistance	
EN 1991-1-7:2006	Part 1-7: General actions - Accidental actions <i>Technical Corrigendum in 2010; Amended in 2014</i>	EN 1998-1:2004	Part 1: General rules, seismic actions and rules for buildings <i>Technical Corrigendum in 2009; Amended in 2013</i>
EN 1991-2:2023	Part 2: Traffic loads on bridges and other civil engineering works	EN 1998-2:2005	Part 2: Bridges - <i>Technical Corrigendum in 2010; Amended in 2009 & 2011</i>
EN 1991-3:2006	Part 3: Actions induced by cranes and machinery <i>Technical Corrigendum in 2012</i>	EN 1998-3:2005	Part 3: Assessment and retrofitting of buildings <i>Technical Corrigendum in 2013</i>
EN 1991-4:2006	Part 4: Silos and tanks <i>Technical Corrigendum in 2012</i>	EN 1998-4:2006	Part 4: Silos, tanks and pipelines
CEN/TR 17231:2018	Traffic Loads on Bridges - Track-Bridge Interaction	EN 1998-5:2004	Part 5: Foundations, retaining structures and geotechnical aspects
Eurocode 2 - Design of concrete structure		EN 1998-6:2005	Part 6: Towers, masts and chimneys
EN 1992-1-1:2023	Part 1-1: General rules and rules for buildings, bridges and civil engineering structures	Eurocode 9 - Design of aluminium structures	
EN 1992-1-2:2023	Part 1-2: General rules - Structural fire design	EN 1999-1-1:2023	Part 1-1: General structural rules
EN 1992-4:2018	Part 4: Design of fastenings for use in concrete	EN 1999-1-2:2023	Part 1-2: Structural fire design
Eurocode 3 - Design of steel structures		EN 1999-1-3:2023	Part 1-3: Structures susceptible to fatigue
EN 1993-1-1:2022	Part 1-1: General rules and rules for buildings	EN 1999-1-4:2023	Part 1-4: Cold-formed structural sheeting
EN 1993-1-2:2024	Part 1-2: General rules - Structural fire design	EN 1999-1-5:2023	Part 1-5: Shell structures
EN 1993-1-3:2024	Part 1-3: Cold-formed members and sheeting	Design of glass structures	
EN 1993-1-4:2006	Part 1-4: General rules - Supplementary rules for stainless steels - <i>Amended in 2015 & 2020</i>	CEN/TS 19100-1:2021	Part 1: Basis of design and materials
EN 1993-1-5:2024	Part 1-5: Plated structural elements	CEN/TS 19100-2:2021	Part 2: Design of out-of-plane loaded glass components
EN 1993-1-6:2007	Part 1-6: Strength and Stability of Shell Structures <i>Technical Corrigendum in 2009; Amended in 2017</i>	CEN/TS 19100-3:2021	Part 3: Design of in-plane loaded glass components and their mechanical joints
EN 1993-1-7:2007	Part 1-7: Plated structures subject to out of plane loading - <i>Technical Corrigendum in 2009</i>	CEN/TS 19100-4:2024	Part 4: Glass selection relating to the risk of human injury - Guidance for specification
EN 1993-1-8:2024	Part 1-8: Joints	Design of fastenings for use in concrete	
EN 1993-1-9:2005	Part 1-9: Fatigue - <i>Technical Corrigendum in 2009</i>	CEN/TR 17079:2018	Redundant non-structural systems
EN 1993-1-10:2005	Part 1-10: Material toughness and through-thickness properties - <i>Technical Corrigendum in 2009</i>	CEN/TR 17080:2018	Anchor channels - Supplementary rules
EN 1993-1-11:2006	Part 1-11: Design of structures with tension components - <i>Technical Corrigendum in 2009</i>	CEN/TR 17081:2018	Plastic design of fastenings with headed and post-installed fasteners
EN 1993-1-12:2007	Part 1-12: Additional rules for the extension of EN 1993 up to steel grades S 700 - <i>Technical Corrigendum in 2009</i>	Others Eurocodes	
EN 1993-1-13:2024	Part 1-13: Beams with large web openings	EN 13391:2004	Mechanical tests for post-tensioning systems
CEN/TS 1993-1-101:2022	Part 1-101: Alternative interaction method for members in bending and compression	CEN/TS 17440:2020	Assessment and retrofitting of existing structures
EN 1993-2:2006	Part 2: Steel Bridges - <i>Technical Corrigendum in 2009</i>	CEN/TS 19101:2022	Design of fibre-polymer composite structures
EN 1993-3-1:2006	Part 3-1: Towers, masts and chimneys - Towers and masts - <i>Technical Corrigendum in 2009</i>	CEN/TS 19102:2023	Design of tensioned membrane structures
EN 1993-3-2:2006	Part 3-2: Towers, masts and chimneys - Chimneys	58 national annexes	
EN 1993-4-1:2007	Part 4-1: Silos <i>Technical Corrigendum in 2009; Amended in 2017</i>	ILNAS-EN 1990-EN 1999//AN-LU:2011	41 annexes revised in 2011
EN 1993-4-2:2007	Part 4-2: Tanks <i>Technical Corrigendum in 2009; Amended in 2017</i>	ILNAS-EN 1990-EN 1999//AN-LU:2020	17 annexes revised in 2020
EN 1993-5:2007	Part 5: Piling - <i>Technical Corrigendum in 2009</i>		
EN 1993-6:2007	Part 6: Crane supporting structures <i>Technical Corrigendum in 2009</i>		
Eurocode 4 - Design of composite steel & concrete structures			
EN 1994-1-1:2004	Part 1-1: General rules and rules for buildings <i>Technical Corrigendum in 2009</i>		
EN 1994-1-2:2005	Part 1-2: General rules - Structural fire design <i>Technical Corrigendum in 2008; Amended in 2014</i>		
EN 1994-2:2005	Part 2: General rules and rules for bridges <i>Technical Corrigendum in 2008</i>		
Eurocode 5 - Design of timber structures			
EN 1995-1-1:2004	Part 1-1: General - Common rules and rules for buildings - <i>Technical Corrigendum in 2006; Amended in 2008 & 2014</i>		
EN 1995-1-2:2004	Part 1-2: General - Structural fire design <i>Technical Corrigendum in 2009</i>		
EN 1995-2:2004	Part 2: Bridges		