

Deutsche Akkreditierungsstelle GmbH

Entrusted according to Section 8 subsection 1 AkkStelleG in connection with Section 1 subsection 1 AkkStelleGBV

Signatory to the Multilateral Agreements of
EA, ILAC and IAF for Mutual Recognition

Accreditation



The Deutsche Akkreditierungsstelle GmbH attests that the certification body

Karlsruher Institut für Technologie (KIT)
Kaiserstraße 12, 76131 Karlsruhe

For its certification body:

KIT Steel and Lightweight Structures
Research Center for Steel, Timber and Masonry
Kaiserstraße 12, 76128 Karlsruhe, Germany

is competent under the terms of DIN EN ISO/IEC 17065:2013 to carry out certifications of products, processes and services in the following fields:

Certification of products, product groups and components from wood-based material, timber structure, flue gas installation, steel and lightweight construction product areas and their factory production control

Certification of construction products (systems of assessment and verification of constancy of performance 1 and 1+) and factory production control (system 2+) within the scope of the Regulation (EU) No 305/2011 laying down harmonised conditions for the marketing of construction products (Construction Products Regulation)

The accreditation certificate shall only apply in connection with the notice of accreditation of 12.01.2016 with the accreditation number D-ZE-11068-02 and is valid until 27.02.2019. It comprises the cover sheet, the reverse side of the cover sheet and the following annex with a total of 7 pages.

Registration number of the certificate: **D-ZE-11068-02-00**

Berlin,
12.01.2016

Dr. Heike Manke
Head of Division

Translation issued:
30.03.2016



Head of Division

Deutsche Akkreditierungsstelle GmbH

Annex to the Accreditation Certificate D-ZE-11068-02-01 according to DIN EN ISO/IEC 17065:2013

Period of validity: 12.01.2016 to 27.02.2019

Date of issue: 12.01.2016

Holder of certificate:

Karlsruher Institut für Technologie (KIT)
Kaiserstraße 12, 76131 Karlsruhe

For its certification body:

KIT Steel and Lightweight Structures
Research Center for Steel, Timber and Masonry
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Certifications of products, processes and services in the fields:

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Abbreviations used: see last page

1. Certification of products, product groups and components and their factory production control

1.1 Timber structures

E DIN EN 14732 2011-01	Timber structures - Prefabricated wall, floor and roof elements - Requirements
CUAP 03.04/06	Solid wood slab element to be used as structural elements in buildings
CUAP 03.04/16	Solid Wood Slab - Element of Dowel Jointed Timber Boards to be Used as a Structural Element in Buildings
CUAP 06.03/05	Annular ringed shank nails and connector screws for use in nailing plates and three-dimensional nailing plates in wood structures
CUAP 06.03/08	Self-tapping screws for use in timber constructions

1.2 Flue gas installations

CUAP 08.02/19-2	Chimney kit with clay flue line
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1.3 Steel and lightweight structures

CUAP 06.02/12	Fastening Screws for Sandwich Panels
CUAP 06.02/13	Blind rivets for metal members and sheeting
CUAP 03.02/09	Thermo-mechanically rolled long steel products made of weldable fine grain structural steel of special steel grades
CUAP 03.02/18	Thin Walled Steel Flat Products Predominately for Roofing and Cladding with Organic Coilcoating System
CUAP 03.02/14	Cable Net Systems
CUAP 06.02/02	Tension Rod System
CUAP 06.02/03	Point Fastener

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CUAP 06.02/09	Prefabricated steel and stainless steel wire ropes with end connectors
CUAP 03.02/16	Roof and Wall Systems with Hidden Fastenings
CUAP 03.01/05	Double headed studs for the increase of punching resistance in flat slabs on column
CUAP 06.02/18	Special securing washer for high-strength structural bolting assemblies for preloading under dynamic loads or vibrations
ETA-13/0246	Nord-Lock SC bolt securing washer

2. Certification of construction products (systems of assessment and verification of constancy of performance 1 and 1+) and factory production control (system 2+) within the scope of the Regulation (EU) no. 305/2011 laying down harmonised conditions for the marketing of construction products (Construction Products Regulation)

Decision / resolution of the commission	System ¹⁾	Technical Specification
1997/462/EC Wood-based panels	1 / 2+	EN 13986:2004 Wood-based panels for use in construction – Characteristics, evaluation of conformity and marking
		EN 13986:2004+A1:2015 ²⁾ Wood-based panels for use in construction – Characteristics, evaluation of conformity and marking
1997/638/EC Fasteners for structural timber products	2+	ETAG 015:2012 Three-dimensional nailing plates
1997/176/EC Structural timber products	1	EN 14080:2013 Timber structures - Glued laminated timber - Requirements
	2+	EN 14081-1:2005+A1:2011 Timber structures - Strength graded structural timber with rectangular cross section - Part 1: General requirements

Decision / resolution of the commission	System ¹⁾	Technical Specification
1997/176/EC Structural timber products	1 / 2+	EN 14250:2010 Timber structures - Product requirements for prefabricated structural members assembled with punched metal plate fasteners
	2+	EN 14545:2008 Timber structures - Connectors - Requirements
1995/467/EC 2001/596/EC Chimneys, flue gas installations and special products	2+	EN 1457-1:2012 Chimneys - Clay/ceramic flue liners - Part 1: Flue liners operating under dry conditions - Requirements and test methods
		EN 1457-2:2012 Chimneys - Clay/ceramic flue liners - Part 2: Flue liners operating under wet conditions - Requirements and test methods
		EN 1858:2008+A1:2011 Chimneys. Components. Concrete flue blocks
		EN 12446:2011 Chimneys - Components - Concrete outer wall elements
		EN 13063-1: 2005+A1:2007 Chimneys - System chimneys with clay/ceramic flue liners - Part 1: Requirements and test methods for sootfire resistance
		EN 13063-2: 2005+A1:2007 Chimneys - System chimneys with clay/ceramic flue liners - Part 2: Requirements and test methods under wet conditions
		EN 13063-3:2007 Chimneys - System chimneys with clay/ceramic flue liners - Part 3: Requirements and test methods for air flue system chimneys
		EN 13069:2005 Chimneys - Clay/ceramic outer walls for system chimneys - Requirements and test methods
		EN 13084-5:2005/AC 2006 Free-standing chimneys - Part 5: Material for brick liners - Product specifications
		EN 13084-7:2012 Free-standing chimneys - Part 7: Product specifications of cylindrical steel fabrications for use in single wall steel chimneys and steel liners

Decision / resolution of the commission	System ¹⁾	Technical Specification
1998/214/EC Structural metallic products and ancillaries	2+	EN 14399-1:2005 High-strength structural bolting assemblies for preloading - Part 1: General requirements
		EN 15048-1:2007 Non-preloaded structural bolting assemblies - Part 1: General requirements
		EN 10025-1:2004 Hot rolled products of structural steels. General technical delivery conditions
		EN 10025-1:2011 ²⁾ Hot rolled products of structural steels - Part 1: General technical delivery conditions
		EN 10210-1:2006 Hot rolled products of structural steels - Part 1: General technical delivery conditions
		EN 10219:2006 Cold formed welded structural hollow sections of non-alloy and fine grain steels - Part 1: Technical delivery conditions
		EN 15088:2005 Aluminium and aluminium alloys. Structural products for construction works. Technical conditions for inspection and delivery
		EN 10088-4:2009 Stainless steels - Part 4: Technical delivery conditions for sheet/plate and strip of corrosion resisting steels for construction purposes
		EN 10088-5:2009 Stainless steels - Part 5: Technical delivery conditions for bars, rods, wire, sections and bright products of corrosion resisting steels for construction purposes
		EN 10340:2007 + AC:2008 Steel castings for structural uses

Decision / resolution of the commission	System ¹⁾	Technical Specification
1998/214/EC Structural metallic products and ancillaries	2+	DIN EN 10343:2009 Steels for quenching and tempering for construction purposes - Technical delivery conditions
		EN 1090-1:2009+A1:2011 Execution of steel structures and aluminium structures - Part 1: Requirements for conformity assessment of structural components
		EAD 200032-00-0602 Prefabricated tension rod systems with special end connectors
1998/214/EC 2001/596 EC Structural metallic products and ancillaries	2+	EAD 200022-00-0302 Thermo-mechanically rolled long steel products made of weldable fine grain structural steel of special steel grades
		EAD EC200001-00-0602 Prefabricates steel and stainless steel wire ropes with end connectors
		EAD 330561-00-0602 Fastening screws for metal members and sheeting
		EAD 330548-00-0602 Fastening screws for sandwich panels
1998/143/EC Systems of mechanically fastened flexible roof waterproofing membranes	2+	ETAG 006:2000 systems of mechanically fastened flexible roof waterproofing membranes
1998/437/EC 1998/436/EC Internal and external wall and ceiling finishes	1	EN 14509:2013 Self-supporting sandwich elements with metal top coats on both sides – factory-made products
1997/597/EC reinforcing and prestressing steel for concrete	1+	EAD 050001-00-0301 Load bearing thermal insulation elements which form a thermal break between balconies and internal floors

¹⁾ for the evaluation and verification of the consistency of performance

²⁾ harmonisation in preparation

The requirements are fulfilled in accordance with article 43 of the Construction Products Regulation for a certification body for products and for a certification body for factory production control according to Annex V of the Construction Products Regulation. Required tasks which the holder of the certificate cannot perform are described in the list of subcontractors.

Abbreviations used:

CUAP	Common Understanding of Assessment Procedure
ETAG	European Technical Approval Guideline
EAD	European Assessment Document
ETA	European Technical Approval