



European Committee for Standardization

Comité Européen de Normalisation

Europäisches Komitee für Normung

CEN/TC 135**Execution of steel structures
and aluminium structures****N 686**

Secretariat: Norway

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Discussion on Products under the Scope of EN 1090-1 and proposed CEN/TR to clarify the scope

Dear Members

Mandatory CE-marking of products under the scope of EN 1090-1:2009+A1:2011 (in short: EN 1090-1) came into force 2014-07-01.

The Commission has uploaded on its web-site a response to frequently asked questions ([FAQ](#)) on the scope of EN 1090-1.

The FAQ on EN 1090-1 includes **an indicative list of products not covered by the scope of EN 1090-1**, i.e. where CE-marking under EN 1090-1 is not allowed.

The list is an updated version based on the list provided by TC135 in May 2014 as described in N684. Request for an updated indicative list of products not covered by EN 1090-1 to be used by the Commission in its FAQ web site was received by the secretary of TC135 2014-07-02 with a deadline date to respond within 2014-07-04, i.e. within two days. Both the CEN/CENELEC Management Centre (CCMC) and the TC135 secretariat have expressed to the Commission the impossibility to respond in a formally satisfactory manner within such an unrealistic deadline date. However, noting that the Commission in lack of other information planned to use preliminary lists, CCMC agreed that CEN would send to the Commission an updated version of the TC135 May list (of N684) where products which may be disputed was to be taken out.

The updated list was sent from TC135 to CEN on Friday 2014-07-04 and by CEN to the Commission on Monday 2014-07-07, see attachment.

Due to the short time available only the experts contributing to the list of N684 were consulted. Though the experts contributed to the update, they also clearly expressed that they did not accept the lack of respect for the formal processes implied by the short deadline date.

To respond to the discussion with the stakeholders on the scope of EN 1090-1, including the items above, CCMC has proposed to develop a formal document within TC135 which can meet the demands. Such a document may be a CEN Technical Report, a CEN/TR. Due to the urgent needs among stakeholders, the aim may be to finalize such a document within the TC135-meeting of December 2014. The content of the CEN/TR should be both the principles of the scope and an updated list of products not covered by it.

Kind regards
Roald Sægrov
Secretary of CEN/TC 135

2014-07-04

FAQ: When does the CE marking have to be affixed on the basis of EN 1090-1 ?

CE marking has to be affixed on a product on the basis of EN 1090-1:2009+A1:2011 **when all the following conditions are satisfied:**

- the product is covered by the scope of EN 1090-1:2009+A1:2011 (please find **here** the indicative, non exhaustive list of products not covered by the scope of EN 1090-1:2009+A1:2011 as provided by CEN),
- and the product is a structural construction product within the meaning of the Construction Products Regulation (EU) 305/2011 which means:
 - the product is intended to be incorporated in a permanent manner in construction works (buildings or civil engineering works), and
 - the product has a structural function in relation to the construction work
- and the product is not covered by a dedicated European product specification (in case a specific harmonised EN, or an ETAG or an ETApproval, or an ETAssessment for this product exists, the CE marking is affixed on the basis of the relevant harmonised EN or the ETA).

List of items not covered by EN 1090-:2009+A1:2011

The following list is a consolidated and non-exhaustive list of items not covered by EN 1090:2009+A1:2011. It is limited to the items on which there is consensus. This list does not reflect a formal CEN or CEN/TC 135 position, because an appropriate consultation of the CEN members in CEN/TC 135 was not guaranteed.

- Aluminium and aluminium alloys – Structural products for construction works according to EN 15088
- Bearings and steel components used in bearings according to EN 1337
- Blind rivets
- Cabinets for cables and power supply installations
- Cables, ropes and wires
- Castings
- Circulation fixtures except sign gantry and cantilevers
- Cladding kits according to ETAG 034
- Cold formed steel tubes according to EN 10219-1
- Components for suspended ceilings
- Curtain walling according to EN 13830
- Doors
- **Expansion joints for road bridges according to ETAG 032**
- External blinds according to EN 13561
- Non structural fences and railings
- Fasteners glued to wooden structure
- Fastening plates and other cast into concrete fasteners not covered by design codes
- Flagpoles
- Forgings
- Foundation bolts, column shoes
- Free-standing steel chimneys according to EN 13084-7
- Fully supported metal sheet for roofing, cladding and lining according to EN 14783
- Gates
- Hangers and brackets for masonry according to EN 845-1
- Hot finished steel tubes according to EN 10210-1
- Hot rolled steel flat products and sections according to EN 10025-1
- Industrial, commercial and garage doors and gates – without fire resistance or smoke control according to EN 13241-1
- Lightning columns according to EN 40-5
- Lintels for masonry according to EN 845-2
- Masonry anchors according to EN 845-1
- Metal anchors for use in concrete according to ETAG 001
- Metal anchors for use in masonry according to ETAG 029

- Metal chimneys according to EN 1856-1
- Metal frame building kits according to ETAG 025
- Metal framing components for plasterboard according to EN 14195
- Metal liners according to EN 1856-2
- Noise barriers (except their steel frame components) according to EN 14388
- Non-pre-loadable bolts according to EN 15048
- Ornamentations
- Pedestrian door sets, industrial, commercial, garage doors and openable windows - Product standard, performance characteristics - Fire resistance and/or smoke control characteristics according prEN 16034
- Piles if non-fabricated
- Pipelines and pipes
- Powder actuated fasteners Prefabricated building units according to ETAG 023
- Prefabricated stair kits according to ETAG 008
- Prefabricated steel and stainless steel wire rope systems with end connectors
- Prefabricated tension rod systems with fork end connectors
- Pre-loadable bolts according to EN 14399-1
- Pressure vessels not incl. the supporting structure
- Rails or sleepers for railway systems
- Reinforcing steel for concrete or masonry
- Road parapets, crash barriers, crash cushions according to EN 1317-5
- Roof safety products incl. roof ladders and walkways
- Scaffoldings
- Sculptures (Metal Art)
- Self-drilling and self-tapping screws
- Self-supporting insulating panels (sandwich panels) according to EN 14509
- Self-supporting metal sheets for roofing, cladding and lining according to EN 14782 used in structural class III as defined in EN 1993-1-3 and EN 1999-1-4.
- Sheet piling according to prEN 10248-1 and prEN 10249-1
- Shutters according to EN 13659
- Stainless steel strip according to EN 10088-4
- Stainless steel bars, rods, wire, sections according to EN 10088-5
- Steel and aluminium components and elements produced on work site
- Steel and aluminium stairs, walkways and fences forming integral part of a machine
- Steel beams for composite steel concrete structures not covered by design codes
- Steel casting for structural use according to EN 10340
- Steels for quenching and tempering for construction purposes according to EN 10343
- Steel lintels according to EN 845-2
- Structural components for the moving parts of cranes
- Structural components for offshore structures

- Structural metal faced sandwich panels
- Tanks - Workshop fabricated steel tanks according to EN 12285-2
- Traditional craft type and non-structural components (e. g. blacksmith making weather cocks, letter boxes, bicycle racks, fences)
- Traffic sign supports according to EN 12899-1
- Timber connectors according to EN 14545
- Timber dowel-type fasteners according to EN 14592.