

# TÜV UK Ltd – Certification to BS EN 1090-1 and CE marking of structural metalwork



As of July 1st 2014 any “series” manufactured structural metal components or kits that have been either made in the UK or imported, and to which a harmonised European standard applies, must comply with the CPR & CE marking requirements.

The harmonised European standard that applies to structural metalwork is BS EN 1090-1 and it will be a criminal offence to supply structural metalwork after the 1st of July 2014 unless it conforms to this standard and carries a legitimate CE mark.

A fundamental prerequisite for the CE Marking of steel or aluminium construction firms is a certificated **Factory Production Control (FPC)** system, which ensures that the products have been developed, constructed, purchased, produced and assembled on the building sites in a quality assured way with regard to the respective standards and regulations

The steelwork contractor is required to have a documented **welding quality management system (WQMS)** and a nominated person(s) responsible for all welding activities i.e. **Responsible Welding Coordinator (RWC)**.

**EN 1090-1** is the harmonised European Standard which has been accepted by the member States as the standard for fabricated steel and aluminium load bearing components and kits of components for use in structures. Because fabricated steel components are safety critical, the CE Marking of components is not allowed unless they have been manufactured under a FPC system assessed and certified by a suitable accreditation body that has been approved by the European Commission.

**EN 1090-2** provides the technical requirements for the execution (fabrication and erection) of steel structures and supports the application of EN 1090-1. The scope of EN 1090-2 covers not only the technical requirements for manufacture, e.g. fabrication and welding, but all other aspects of execution including erection and surface treatment.

## Harmonised Standard EN 1090-1:

- EN 1090- Part 1: Requirements for conformity assessment of structural components
- EN 1090- Part 2: Technical requirements for steel structures
- EN 1090- Part 3: Technical requirements for aluminium structures

## The services we offer:

- A suitable application of the legal requirements for your construction products
- Manufacturer **certification according to EN 1090-1** by TÜV as an independent, accredited and notified body (NB nr.1231)
- Manufacturer's WQMS compliance assessment and **EN ISO 3834 certification**
- Non Destructive Testing using all the traditional techniques
- Coating examination
- Welding inspection
- Responsible Welding Coordinator training courses

## Our know-how for your success

TÜV UK Ltd is a well-established and reliable partner for inspection and certification services. Our experts and auditors have extensive knowledge based on experience. This guarantees independence and neutrality, and also means we can offer continuity in supporting our clients. The benefit to you is clear: our auditors accompany and support the development of your company and provide you with objective feedback.



Are you interested?  
Please send us your response by fax, email or post.  
We look forward to hearing from you.

Yes, I would like more information on ISO 3834 certification  
Please contact me.

Sender (Please use block capitals)

Company:

Postcode/Town:

Mrs./Mr.:

Phone:

Position:

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