



BS EN 1090 – a legal requirement for the structural steel industry (CE Marking)

If your organisation is involved in the manufacture of structural metal components or kits, from 01 July 2014 you will need to demonstrate that your products comply with BS EN 1090.

What is BS EN 1090?

BS EN 1090 specifies the requirements for products used in the execution of structural steelwork. These include structures and manufactured components produced from hot rolled, structural steels; cold-formed components and sheeting; hot finished and cold formed structural hollow sections, as well as austenitic-ferritic and ferritic stainless steel products.

Part 1 of the standard is the Requirements for Conformity Assessment of Structural Components. It describes how manufacturers can demonstrate that the components they produce meet the declared performance characteristics (the structural characteristics which make them fit for their particular use and function).

Part 2 is the Technical Requirements for Steel Structures. It specifies the requirements for the execution of steel structures to ensure adequate levels of mechanical resistance and stability, serviceability and durability. It determines the performance characteristics for components that the manufacturer must achieve and declare through the requirements of Part 1.

Why CE Marking?

From **1st July 2014** all respective steel products must comply with this standard and manufacturers will need to prove product conformance through mandatory CE marking. After this date it will be a criminal offence to supply and trade structural metalwork on the European market unless it adheres to this standard and carries a legitimate CE mark.

CE Marking is simply a declaration by a manufacturer that a product meets a set of essential characteristics thereby ensuring public safety. It is also a requirement of the Construction Products Regulation to harmonise the safety performance of construction products across the EU. CE Marking is however regulated by criminal law and the penalties for not adhering to this mandate may result in fine, imprisonment or product recall.

WE CAN HELP YOU GAIN YOUR CE MARKING CERTIFICATION



Does BS EN 1090 apply to my business?

This new regulation will affect you if you are an importer, distributor, manufacturer or fabricator of steel products who changes the original properties of a structural component. Changing the original properties includes but is not limited to:-

- shot-blasting
- painting,
- cutting
- cold forming
- drilling
- flame cutting
- bending
- rolling
- marking
- welding

How can TL Safety help?

TL Safety can prepare your quality management procedures and your factory production control document to meet BS 1090 and the requirements to meet CE Marking.

We can advise on how to appoint a Responsible Welding Co-ordinator and who can carry out your Welding Procedures. We can also assist you with the selection of a notifiable body to certify your system and therefore comply with BS EN 1090 and CE Marking requirements.

Contact Tony Lundy on 07749 838367 or via email on tony.lundy@tlsafety.co.uk

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