



CE MARKING OF FABRICATED PRODUCTS

The Construction Products Regulations now require fabricated steel to have in place factory production controls that comply with BS EN1090 and CE Marking requirements

Does BS EN 1090 apply to your 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

However, if you are a Contractor or Building Owner who is installing the following or having the following installed then you need to ensure that the delivered product is CE Marked. If you are an Architectural practice or specifier then you also need to take this into consideration.

Structural Steel and Aluminium Components - within Scope

Components for Use in Buildings

Architectural steelwork for:

- Staircases
- Balconies
- Canopies



Lighter fabrications include:

- Fire escapes,
- Ladders
- Catwalks
- Walkways, including open mesh flooring
- Ramps
- Guardrails, handrails and balustrade

Specialist fabrication services:

- Bending of steel sections
- Cellular and castellated sections
- Plate girders

Trusswork

Structural frames for use in buildings including:

- Agricultural sheds
- Portal frames for warehouse, industrial sheds etc
- Frames for buildings (including dwellings; offices, commercial, hospitals education, recreational buildings etc)
- Sheds

Tubular work where tubular construction forms a major part of the building

Tension systems

Cold-formed purlins and cladding rails

Cold-formed decking for use in composite steel and concrete floors

Cold-formed sheeting for roofing and cladding

Fabricated pile foundations (including foundations made from sections and sheet piles)

Mezzanine floors



Components for use in Grandstands and Stadia

Components for use in boundary and security fences

- Structural fences
- Guardrails

Components for use in Bridges

Bridge refurbishment (where the work is done in the workshop and not on site)

Footbridges (pedestrian and bicycle bridges)

Sign and gantry girders

Cable-supported bridges (Cable-stayed and suspension bridges)

Bridges made from stiffened complex platework (e.g. deck, box girders or arch boxes)

Tension systems

Moving bridges (although some of the moveable parts may also come within the scope of the Machinery Directive)

Bridges made from trusswork

Bridges made from plate girders

Pipe bridges

Components for Towers and Masts

- Components for use in towers, masts and pylons

Components for use in Plant and Machinery

a. Frames for machinery including supports for plant and conveyors including:

- Columns
- Beams
- Trusses
- Grillages

Heavy industrial plateway for plant, bunkers, hoppers and silos

Supporting frames and fixtures for

- Lighting
- Communication
- Transport-lifts
- Hoists, including runway beams
- escalators

Components for use in Wharfs and Docks

If you use anyone within your supply chain that carries out manufacturing or fabrication work using any of the above processes or fabricating any of the above products then you need to check they have gained CE Marking certification. This includes a distributor who carries out the above processes and supplies you with steelwork for incorporation into a building. **Obtain their CE Certification.**

How can TL Safety help you or your supply chain?

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.

