

EN 1090

CE MARKING FOR METAL
STRUCTURAL WORK



TARGET ORGANISATIONS

The service is aimed at all companies that market metal (steel or aluminium) structural work for buildings with certification level 2+.

THE CONTEXT

The certification of factory production control for steel or aluminium structural work products is covered in Regulation (EU) No 305/2011, which replaced Dir. 89/106.

The European Regulation, published in 2011, is binding throughout the European Union and defines the conditions for the placing on the market of construction products with the aim of guaranteeing the safety and protection of users and the free circulation of products throughout the European Union. Structural work products for construction are considered to be all products whose

declared use is congruent with permanent incorporation into buildings and which contribute to the static stability of structures.

Depending on the intended use of the product, the manufacturer must assess its suitability for use. Once the characteristics of suitability have been defined, the manufacturer must set up a production control in order to monitor and control the product, enabling it to issue the Declaration of Performance with subsequent CE labelling of the product.

THE SERVICE

Certiquality as Notified Body (No. 0546) for Reg. (EU) No 305/2011 carries out audits in order to issue the Factory Production Control certificate necessary for the declaration of performance and CE labelling of metal structural work products.

BENEFITS

In addition to the benefits deriving from having received a mandatory certification to carry out a particular activity, Certiquality offers the opportunity for pairing with other certifications. In particular, the EN 1090 certification also makes it possible to obtain the ISO 3834 welding management system certification with the same assessment process with a consequent reduction in costs and audit times.

CERTIFICATION PROCESS

The manufacturer submits an application for certification to Certiquality (Notified Body). Based on the applicable certification levels, products, standards and mandates, it plans the audit at the manufacturer's site.

Certiquality carries out the audit at the customer's premises and checks whether the product characterisations are correct (assessment of the design scheme - technical calculation - or product tests). It audits the production control methods and, if necessary, also carries out an audit at critical outsourcers' premises (e.g. external laboratories).

Certiquality issues a certificate of conformity of production control prepared for the manufacturer's declaration of performance and CE marking of the product.

Once a year, Certiquality checks and monitors that the production control is carried out at the production site covered by the certificate.

PLACING THE CONSTRUCTION PRODUCT ON THE MARKET

The correct placing of the product on the market is the sole responsibility of the manufacturer who declares the suitability characteristics of the product based on Annex ZA.1 and national legislative provisions.

Through the Declaration of Performance (also called DoP), the manufacturer assumes responsibility for the declared performances and through the CE labelling of the product, states that the product has been checked for the purposes of free circulation in the European market and respects the declared performances (the marking is information that must always follow the product).

REFERENCES

Cementi Rossi for aggregates for concrete, SIKA Italia for chemical additives for construction and repair kits for concrete, PBM for polymer-modified bitumen.

ADDITIONAL DOCUMENTATION

Certiquality participated in the conform study group for the drafting of the guideline entitled 'Guide to the Construction Products Regulation' which is available to anyone who wants to delve deeper into the topic.

Certiquality organises training courses regarding the application of specific standards in the framework of CE markings according to Regulation (EU) No 305/2011.

