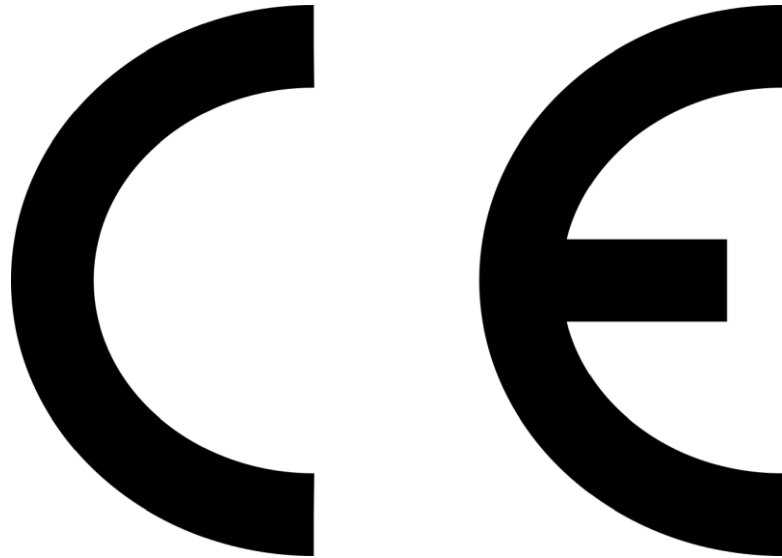




**CE Marking of Steel Structures and
Aluminum Structures**



CE Marking

EN 1090-1:2011+A1:2012 "EXECUTION OF STEEL STRUCTURES AND ALUMINUM STRUCTURES. PART 1: REQUIREMENTS FOR CONFORMITY ASSESSMENT OF STRUCTURAL COMPONENTS".

SAFETY IN THE FREE MOVEMENT OF PRODUCTS IN THE EU

- The aim of the CE Marking in the EU is to ensure that all the products manufactured and/or marketed within the territory comply with the **minimum requirements of safety and suitability for its use**.
- A product covered by one or more Directives **without a CE Mark** is considered as “**non-compliant**” to safety criteria. Therefore, it **CAN NOT be placed on the market** within the EU.
- The CE Marking is **responsibility of the manufacturer or the distributor in the EU**.
- The CE Marking of a product is the **culmination of the process** carried out by the manufacturer:

1 – PREPARATION OF THE PRODUCT'S TECHNICAL RECORD:

- Basic technical documentation.
- Analysis of the Directives/standards applicable to the product, and its compliance with them.
- CE Documentation.

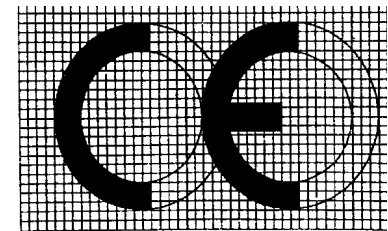


2 – DECLARATION OF PERFORMANCE

- Compliance with the Directives applicable to the product.
- Compliance with the product's specific Technical Standards.
- Verification by a Notified Body.



3 – CE MARKING OF THE PRODUCT



DATE OF APPLICATION AND DATE OF ENTRY INTO FORCE OF THE CE MARKING IN STANDARD EN 1090-1:2011+A1:2012



BOLETÍN OFICIAL DEL ESTADO (Official State Gazette)



No. 174

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Sec. III. Pag. 52690

Reference of the EN standard and Title of the national standard transposing a harmonized standard	Date of applicability of the harmonized standard and start of the co-existence period (*)	Date of the end of the co-existence period/ entry into force of the CE Marking (*)	Conformity assessment system (**)
EN 1090-1:2011 + A1:2012 Execution of steel structures and aluminum structures. Part 1: Requirements for conformity assessment of structural components.	1 September 2012	1 July 2014	2+

CONFORMITY ASSESSMENT UNDER SYSTEM 2+



MANUFACTURER RESPONSIBILITIES:

- Producing the manual
- Factory Production Control (FPC)
- Sampling, tests and inspections in the company's facilities

RESPONSIBILITIES OF THE NOTIFIED BODY:

- Initial inspection of the factory and the FPC
- Continuous surveillance, assessment and approval of the FPC
- Annual monitoring of the certification
- Issue of the CE certificate



**6. CERTIFICATE OF PRODUCTION CONTROL,
DECLARATION OF PERFORMANCE, LABELING
(CE MARKING)**

5. INSPECTION (INTERNAL- EXTERNAL)

**4. IMPLEMENTATION OF A FACTORY PRODUCTION
CONTROL (FPC) AT THE COMPANY'S FACILITIES**

**3. VERIFICATION OF THE COMPLIANCE WITH TECHNICAL
REQUIREMENTS: INITIAL TESTS**

2. DETERMINATION OF THE REGULATIONS AFFECTING IT

1. IDENTIFICATION OF THE PRODUCT TO BE MARKETED (PER STANDARD)

SCOPE OF THE SERVICE

**STEEL AND ALUMINUM
STRUCTURES - EN 1090**

END CUSTOMER

MANUFACTURER

APPLUS+

PROTOTYPE

STUDY

PRODUCTION

1. ASSESSMENT OF THE
PRODUCT

2. ASSESSMENT OF THE MANUAL

3. INSPECTION OF THE
MANUFACTURING PROCESS

4. COMMISSION OF PRODUCT
CERTIFICATION AND CE MARKING

Verification of tests
Initial testing and/or Factory Production Control
tests (In some cases the distributor of material
will be asked to carry them out).

**CERTIFICATE
OF
PRODUCTION
CONTROL**

**DECLARATION OF
PERFORMANCE**



Benefits:

1. Comply with regulation. Market your product throughout the European Union.
2. Improve precision and homogeneity in the technical measurement values of your products and transmit them clearly to your costumers.
3. Optimize control over your product and process, thus reducing costs due to non-quality.
4. Improve precision and homogeneity in the technical measurement values of your products and transmit them clearly to your customers.

Applus+ has ITS OWN specialized personnel, with the technical capacity and the appropriate experience to carry out the offered jobs.

The inspection team will be formed and supported at all time by a technical team in **Applus+ Laboratories** headquarters that will establish the criteria and requirements of the inspection. It will also support the team in order to prevent differing assessments.

CONFIDENTIALITY AND IMPARTIALITY. The Applus+ team of technicians guarantees that the inspection will be performed objectively and in the appropriate manner according to the state of the project. The impartiality of the established criteria will be guaranteed at all time, as well as the confidentiality of the results in relation to third parties.

ENAC ACCREDITATION. This certification system is accredited by ENAC. OC-P/009.

Applus⁺ laboratories

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Product Certification

Product Conformity B.U.

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