

Construction Products Regulation (EU) No. 305/2011



Industrie Service

**Choose certainty.
Add value.**

Comply with the legal requirements:

The introduction of the Construction Products Regulation (EU) No. 305/2011 has changed the requirements governing the manufacturing and/or placing on the EU market of parent materials, filler metals and load-bearing steel and aluminium structures falling under the scope of the Construction Products Regulation. Manufacturers, importers and vendors are facing new basic legislation. What do these changes involve for companies?

The objective pursued with the Construction Products Regulation (EU) No. 305/2011 was to create a single European market for construction products in Europe. Implementation of the regulation is based on factors including the application of harmonised standards to replace the national standards that had been valid so far. For instance, the DIN 18800-7 standard for steel structures was replaced by the EN 1090 (parts 1–2) series, which became mandatory since 1 July 2014.

In addition, parent materials and filler metals which will be used in Europe in applications falling under the scope of the Construction Products Regulations in accordance with the EN 1090 (parts 2 and 3) standard must either be in compliance with the relevant harmonised standards or manufactured on the basis of a European Technical Approval (ETA) and provided with a CE marking. If the CE marking is missing, there may be legal consequences in the case of damage!

Important: Certification of factory production control.

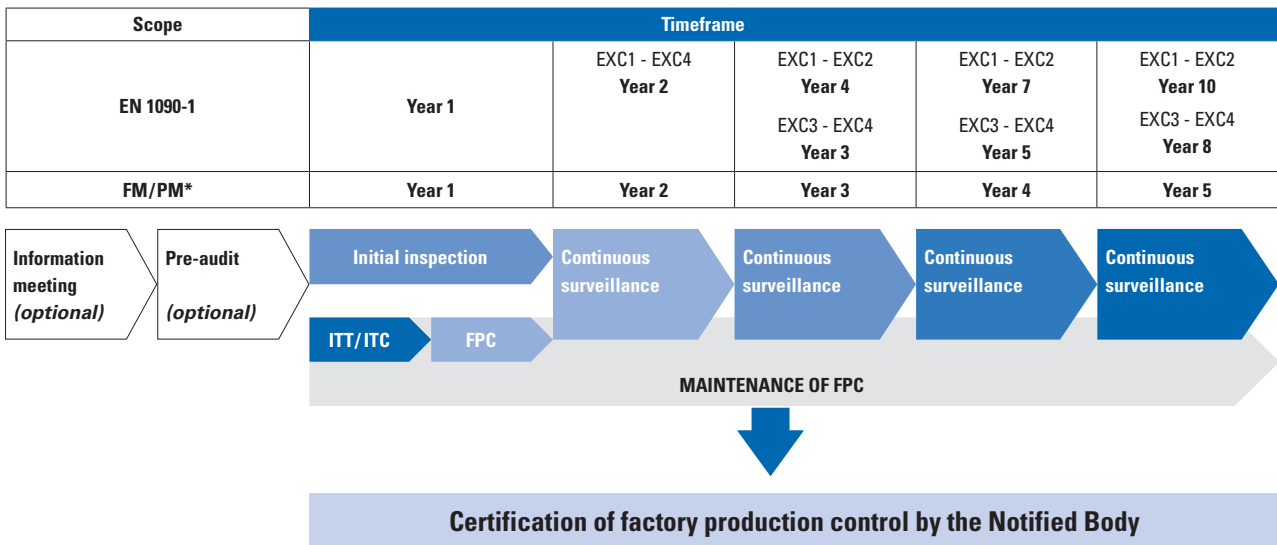
Before a CE marking can be affixed to the products on the basis of a declaration of performance, manufacturers of parent materials, filler metals and load-bearing components must fulfil certain criteria including ensuring certification and surveillance of their factory production control (System 2+). Certification is based on an initial inspection by a Notified Body, such as TÜV SÜD Industrie Service GmbH.

TÜV SÜD – your qualified partner.

TÜV SÜD Industrie Service GmbH is a certification body accredited by DAkkS and notified by the DIBt and as such authorised to conduct the relevant inspections and certifications. Rely on the TÜV SÜD name; the high public profile and first-class reputation of our brand ensures that our reports and certificates meet with a high level of acceptance. We will be happy to support you too.

Certification in the scope of the Construction Products Regulation

The entire certification process at a glance:



| ITT/ITC | FPC | Initial inspection | Ongoing surveillance |
|---|---|--|--|
| On the basis of initial type testing (ITT) and initial type calculation (ITC), manufacturers prove that they are qualified to deliver load-bearing components and kits/systems. | Manufacturers must establish, document and maintain a factory production control (FPC) system to ensure that the products placed on the market have the declared performance characteristics. | Within the scope of initial inspection, the Notified Body verifies the effectiveness of the FPC systems established to ensure that the materials/components and kits/systems are manufactured in conformity with the standard. | Within the scope of ongoing surveillance, the Notified Body verifies the continued effectiveness of the FPC systems established to ensure that the materials/components and kits/systems are manufactured in conformity with the standard. |

Certification in accordance with the Construction Products Regulation for parent materials and welding filler metals

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| EN 10025-1 | EN 10210-1 | EN 10343 | EN 14399-1 |
| EN 10088-4 | EN 10219-1 | EN 1090-1 | EN 15048-1 |
| EN 10088-5 | EN 10340 | EN 13479 | EN 15088 |

* FM = manufacturer of filler metals
PM = manufacturer of parent materials