

## Certification

### ISO 3834

The quality of a welded joint can be partly verified through product controls, but it must be "designed" in parallel with the product itself: this is the reason for the implementation of the **ISO 3834** standard, which defines the "Quality requirements for fusion welding of metallic materials".

The standard is applicable during the manufacturing phase, both in the workshop and on site, of any type of **construction welded by fusion**.

It is already commonly used in the construction of machines, pressure equipment and plants, with the new European regulatory context that requires **CE marking** for metal structural components according to EN 1090-1, compliance with the requirements of ISO 3834 becomes mandatory and propaedeutic for all companies that produce structural components with welded joints.

**INTERCERT GMBH - GROUP OF MTIC** is a **notified body** under **NANDO** with **n° 2584** for the ISO 3834 standard and offers a **certification service** based on **several stages**, with the completion of the certification process that allows manufacturers to demonstrate the company's competence in the application of adequate control of welding processes.

#### Step 1: DOCUMENTAL AUDIT

Verification of technical documentation against the requirements, qualifications of processes and certifications of personnel.

#### Step 2: WFC ASSESSMENT

Verification by qualified inspectors of the production site (Welding Fabrication Control - WFC) in accordance with the requirements of the applicable regulations.

#### Step 3: FINAL REPORT & CERTIFICATE

Delivery of the activity report and issue of ISO 3834 Certification.

#### RELATED SERVICES

- EN 1090 – ISO 15085 Certification
- System Certifications
- Qualification of personnel (welders and CND operators) and welding processes