

TÜV UK Ltd – Certification to ISO 3834

Quality requirements for fusion welding of metallic materials

EN ISO 3834 deals with quality requirements in welding and has been prepared in order to identify the necessary controls and procedures. ISO 3834 is not a quality system standard intended to take the place of ISO 9001, but a useful, additional tool for use when ISO 9001 is applied by manufacturers.

EN ISO 3834 is intended for the fusion welding of metallic materials, and its application is independent of the products manufactured. However, its principles and many of its detailed requirements are also relevant for other welding and welding-related processes.

One of the aims of EN ISO 3834 is to define requirements in the field of welding so that contracting parties or regulators do not have to do this themselves. A reference to a particular part of EN ISO 3834 should be sufficient to demonstrate the capabilities of the manufacturer to control welding activities for the type of work being done.

The EN ISO 3834 standard defines quality requirements for welding both in workshops and on site, and is appropriate when demonstration of a manufacturer's capability to produce welded construction in accordance with specified criteria is required; it can also be used as the basis for assessing a manufacturer's welding quality arrangements.

The properties of welded products cannot be confirmed by testing alone, assurance is gained by controlling the production process. If the welding production processes are controlled in accordance with EN ISO 3834 it is recognised that the quality of the welds in the final product will meet the specified criteria.

Welding is a special process and the evaluation of all the welding related activities and welding process operations implemented by the manufacturer to achieve the required welding quality, requires particular expertise of the assessment team.

TÜV UK assessors can provide UKAS accredited certification in association with ISO 9001 to:

- ISO 3834-2, Quality requirements for fusion welding of metallic materials - Part 2: Comprehensive quality requirements
- ISO 3834-3, Quality requirements for fusion welding of metallic materials - Part 3: Standard quality requirements
- ISO 3834-4, Quality requirements for fusion welding of metallic materials - Part 4: Elementary quality requirements

Benefits of EN ISO 3834:

- Increased international recognition as a provider of high-quality products and services
- Improves welding quality
- Decreases quality defects and maintenance costs
- fewer reworks,
- more efficient technologies,
- an enhanced organisational reputation,
- a proficient workforce,
- increased project management efficiencies
- decrease the incidence of waste and rejections

Our know-how for your success

TÜV UK Ltd is a well-established and reliable partner for inspection and certification services. Our experts and auditors have extensive knowledge based on experience. This guarantees independence and neutrality, and also means we can offer continuity in supporting our clients. The benefit to you is clear: our auditors accompany and support the development of your company and provide you with objective feedback.



Are you interested?

Please send us your response by fax, email or post.

We look forward to hearing from you.

Sender (Please use block capitals)

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Yes, I would like more information on ISO 3834 certification

Please contact me.

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