

# TÜV UK Ltd – Welding Fabricator Assessment Scheme

In today's world, adherence to clearly-defined quality standards is increasingly important, especially in international business. Among other aspects, this includes ongoing learning and continual improvement processes, service and ability to adapt to constantly evolving markets and customer requirements.

These complex demands can be met by a process oriented Quality Management System based on ISO 9001 and ISO 3834. The standard ISO 9001 forms the basis of your quality system with the addition of compliance to ISO 3834 requirements regarding your welding activities.

A functioning management system enables individual company structures to be precisely tailored to meet specific needs and specifications of the customer. Operating procedures can subsequently be flexibly designed in a manner that enables everyone to benefit from it.



## Target Groups for the Welding Fabricator Assessment Scheme

For manufacturers of welded components and structures according to major industry standards TÜV UK experts will assess compliance against ISO3834 as an addition on to ISO 9001 requirements. A current ISO 9001 certificate may be recognised and therefore the audit time spend on ISO 3834 and investments to proof ISO 3834 compliance may be lower.

## Benefits of Certification

- Clear, high profile independent verification of its compliance with ISO 3834 and ISO 9001 requirements
- Independent confirmation of competence for its welding and fabrication capabilities
- Compliance with requirements to supply the ...industry
- Assessment of the management system focussing on welding and fabrication by an TÜV UK Ltd approved specialist
- Increase competitiveness and reputation of the own brand
- Sustainability quality assurance
- Identification of potential for improvements and savings
- High level of customer and employee satisfaction
- Worldwide recognized certificate
- Image enhancement
- Risk minimisation
- Better cost-effectiveness through process improvement
- Fulfilment of specific customer requirements

#### Why do you need Welding Procedure Qualification Records and Specifications?

- Compliance with international standards (BS EN ISO, ASME etc) & project requirements.
- Confirm the integrity of welds for a given material range within specified parameters.

#### Why do you need Qualified Welding Personnel?

- Demonstrate the competence of the welder, within a specified range and position for a given process.
- Demonstrate the ability to work to approved Weld Procedure Specifications and Inspection Instructions / Standards.

#### Welding Procedure Qualification Record (WPQR)

Confirms the mechanical capability and weldability of a given material and process range within specified parameters.

#### Welder Qualification Test Certificate (WQTC)

Confirms a welders ability in respect of process, technique, position, joint type and material range within specified parameters.

#### Weld Procedure Specifications (WPS)

Weld Procedure Specifications are 'shop floor' documents which detail the essential welding variables required to manufacture a welded joint to the required level. It shall provide all the necessary information to 'make' a weld.

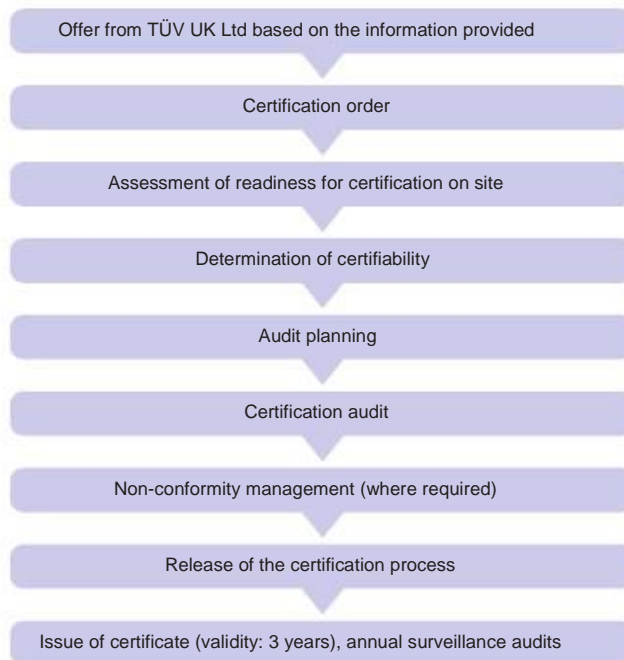
#### Information for the above will include:

Manufacturer Identity, Identification of the WPS's & WPQR, Approval Range in Accordance with the Relevant Standard, Parent Material Type, Dimensions & Joint Design, Welding Process, Position & Technique, Electrical Parameters, Welding Gases & Consumables, Pre-Heat, Interpass, Post Weld Heat Treatment and any other relevant information.

#### 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.

#### Process of Certification



#### 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)

- Yes, I would like more information for Welding Fabricator Assessment Scheme. Please contact me.
- Yes, I am interested in certification of Quality Management Systems according to ISO 9001. Please contact me.

Company: \_\_\_\_\_

Postcode/Town: \_\_\_\_\_

Mrs./Mr.: \_\_\_\_\_

Phone: \_\_\_\_\_

Position: \_\_\_\_\_

Fax: \_\_\_\_\_

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