



ASME Section IX – Welding Procedure Specification (WPS) and Procedure Qualification Records (PQR) – Execution and Documentation

HSB, a Munich Re company, is a technology-driven company built on a foundation of specialty insurance, engineering and technology, all working together to drive innovation in a modern world.

Course description: The intent of this seminar is to go beyond the material covered in the general ASME Section IX seminar, to talk about the mechanics of conducting a qualification test, writing up PQR and WPS, and going in depth into more ranges of qualification for Section IX, and where some restrictions may/will apply based on the Code of Construction.

Who should attend?

- Anyone looking for a more in-depth understanding of Section IX
- Those who require training to meet QG-106
- Individuals looking for guidance on how to run a Procedure qualification test or how to write up a Procedure Qualification Record (PQR)
- Anyone wanting a better understanding of the interactions between Codes of Construction and Section IX
- Individuals looking for guidance on how to write up Weld Procedure Specifications (WPS)
- Those who review welding documentation (welding engineers, QA personnel)
- Those responsible for managing welding activities

Topics covered

Welding Procedure Specification (WPS)

What is a Welding Procedure Specification (WPS)?

In-depth review of qualification ranges

Considerations of Codes of Construction

WPS format

Writing up a WPS: do's and don'ts

Procedure Qualification Record (PQR)

What is a Procedure Qualification Record (PQR)?

Process of planning and running a Procedure Qualification Test

- Planning
 - Materials
 - Preparation for Welding
 - Organizational Responsibility
 - Data Measurement and Collection
 - Testing Requirements
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Other considerations, Code of Construction, other markets (e.g., PED influences, contractual, etc.)

PQR format

Writing up the PQR: do's and don'ts

For more information,
contact GetInfo@hsb.com.