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WELDING, CORROSION AND INSPECTION

ASME IX Welding, Brazing and Fusing Qualifications

DURATION	CONTACT HOURS	LEVEL	FEE PER DELEGATE
5 days	30	Intermediate	US$1,500

Writing and qualifying welding procedures to ASME IX, and qualifying the welders who run them.

A weld is only as sound as the procedure behind it and the person holding the torch, and ASME IX is the code that says how both are proved. Most of the trouble it causes is not technical. It is that a procedure gets copied from another job, an essential variable moves without anybody noticing, and the qualification that was supposed to cover the work does not. This week works through the structure of the code and then through the paperwork that carries it: the procedure specification, the qualification record behind it, and the performance qualification of each welder. The emphasis falls on the variables, because the variables are where qualifications quietly lapse.

Available as classroom, live online, in house.

Who it is for

Welding engineers and supervisors, QA and QC inspectors, fabrication and workshop managers, and mechanical engineers who approve or audit welding documentation.

What you will be able to do

- Navigate ASME IX and find the clause that governs a given question.
- Write a welding procedure specification that is complete and defensible.
- Read a procedure qualification record and judge what it actually supports.
- Separate essential, supplementary essential and non essential variables, and know which force requalification.
- Qualify a welder, and track the continuity that keeps that qualification alive.

The outline

DAY 1

How the code is built

Sections, articles, and how ASME IX sits beside the construction codes · P numbers, F numbers and A numbers, and what each groups · Where the code stops and the job specification starts · Reading a clause without reading into it the answer you wanted

Procedure qualification

The procedure specification and the qualification record behind it · Test coupons, positions and thickness ranges · Mechanical testing, and what a failed bend actually tells you · Qualifying a range rather than a single joint

DAY 2

The variables

Essential variables, and the changes that void a qualification · Supplementary essential variables and impact tested work · Non essential variables, and revising a procedure without requalifying · Common drift: filler batch, preheat, process and position

DAY 3

Welder performance

Performance qualification against procedure qualification · Positions, diameters, and the ranges a single test actually buys · Continuity, the six month rule, and how records lapse unnoticed · Revoking and requalifying when work is rejected

DAY 4

Brazing and fusing

Brazing procedure and performance qualification · Plastic fusing, and where it appears on a process plant · What transfers from welding practice and what does not

DAY 5

Running it as a system

A document set an auditor can follow without being guided · Change control on procedures · Audit findings that recur, and the record keeping that prevents them

What you leave with

- A drafted procedure specification for a real joint, checked against the code clause by clause.
- A review of an existing qualification record, with the gaps listed.
- A welder continuity register you can run from the week you get back.

Published dates

DATES	WHERE	FEE
23 to 27 November 2026	Dubai, United Arab Emirates	**US$1,500**
30 November 2026 to 4 December 2026	Nicosia, Cyprus	**US$1,500**
7 to 11 December 2026	Accra, Ghana	**US$1,500**
14 to 18 December 2026	Gaborone, Botswana	**R15,000**

Fees are per delegate and co
arranged by the delegate. Reg

Register or ask a question

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