Elevora
Global Training

COURSE BROCHURE

Welding Technology and Inspection

Mechanical & Rotating Equipment

Most demanded

Code	Duration	Formats	Language	Certificate
ME-109	5 or 10 days	Classroom, live online, in-house, blended	English or Arabic	Certificate of completion

A practical mechanical and rotating equipment course covering welding processes and metallurgy, welding procedures and qualification and weld defects and causes. Run as a 5-day core or 10-day extended programme, in 16 cities, live online or in-house, and fully customisable for your team.

About this course

Welding Technology and Inspection gives delegates a structured, practical understanding of welding processes and metallurgy and welding procedures and qualification, then builds the skills to apply weld defects and causes, NDT methods and codes and quality control in real work. Sessions are led by practitioners with at least 15 years in the field.

What you will learn

- Welding processes and metallurgy
- Welding procedures and qualification
- Weld defects and causes
- NDT methods
- Codes and quality control

Who should attend

Mechanical engineers, maintenance supervisors, technicians, inspectors and reliability staff.

5-day course outline

Day 1	**Welding processes and metallurgy**	Concepts, standards and terminology, with a diagnostic exercise to baseline the group.
Day 2	**Welding procedures and qualification**	Methods and tools explained step by step, with worked examples from real operations.
Day 3	**Weld defects and causes**	Hands-on practice in small groups using realistic data, cases and templates.
Day 4	**NDT methods**	Case studies of successes and failures, and how to apply the lessons in your organisation.
Day 5	**Codes and quality control**	Integration exercise, final knowledge check and a personal action plan.

10-day extended programme

Includes the full 5-day outline, plus a second week of applied work:

Day 6	**Applied workshop: Welding processes and metallurgy** — Deeper practice with your own data or site examples.
Day 7	**Applied workshop: Welding procedures and qualification and weld defects and causes** — Group exercises that combine methods from week one.
Day 8	**Field case study: NDT methods** — A detailed industry case worked through from start to finish.
Day 9	**Advanced practice: Codes and quality control** — Tools, templates and checklists to take back to work.
Day 10	**Assessed project and presentation** — Each delegate presents an improvement plan and completes the final assessment.

Upcoming classroom dates

More dates, cities and live online sessions on request.

Dates	City	Length	Fee per delegate
9 Nov 2026 to 13 Nov 2026	Dubai	5 days	**$2,450**
21 Dec 2026 to 1 Jan 2027	Dubai	10 days	**$4,450**
17 Jan 2027 to 21 Jan 2027	Cairo	5 days	**$2,450**
8 Feb 2027 to 12 Feb 2027	Istanbul	5 days	**$2,450**
8 Mar 2027 to 12 Mar 2027	Dubai	5 days	**$2,450**

Fees per delegate (2026 to 2027)

Format	5 days	10 days
Classroom: Dubai, Istanbul, Cairo, Kuala Lumpur	**$2,450**	**$4,450**
Classroom: London, Europe, Singapore	**$3,450**	**$6,250**
Live online	**$1,450**	**$2,650**
In-house, group of up to 15	**From $12,900**	**From $23,500**

Classroom fees include tuition, materials, lunch and refreshments, and a certificate. 10% group saving for 3 delegates, 15% for 5 or more.

Tailored to your team

Change the level, language, length (1 to 20 days) and format, add topics from other courses or entirely new topics, and include your own case studies, site visits or exam preparation. Build it online for an instant indicative fee.

Register or request an in-house proposal

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