Garnet
Garnet Global Training Center

GGT-WN-107

Inspection, Welding & NDT

Pressure Vessel Inspection

فحص أوعية الضغط

Duration	Language	Formats	Hours	Level
5 or 10 days	**English or Arabic**	**Classroom, online, in-house**	**35 / 70**	**Intermediate (practitioner)**

Overview

Participants in Pressure Vessel Inspection practise the methods, tools and standards they need to perform reliably and solve problems on the job. Inspection and welding programs aligned with international codes, from technician to lead inspector. It runs as a 5-day or 10-day program in English or Arabic, in classrooms in Dubai, Riyadh, Cairo, London, Istanbul and other cities, or live online, and can be delivered in-house.

What you will be able to do

- Apply the methods and standards of Pressure Vessel Inspection to real tasks.
- Avoid the mistakes that most often cause rework or failure.
- Share good practice with your team.
- Use the right tools, checks and calculations step by step.
- Diagnose common problems and identify root causes.

Who should attend

Inspectors, welding engineers and supervisors, NDT technicians and QA/QC staff. Practitioners with one to five years of experience benefit most.

Key topics

- Codes: ASME, API, AWS
- Welding processes and metallurgy
- NDT methods and acceptance criteria
- Inspection planning
- Defect assessment
- Reports and documentation

Formats and fees

5-day classroom	**USD 4,750**
5-day online	**USD 2,950**
10-day classroom	**USD 8,950**
10-day online	**USD 5,450**
In-house	**Quotation per group**

Fees per participant, excluding VAT.

Register or ask

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Training: training@garnettrainings.com

Web: garnettrainings.com

Sharjah Publishing City Free Zone, Sharjah, UAE

Certificate

Participants who attend at least 90% of sessions and complete the final assessment receive a certificate of completion stating 35 contact hours (5-day) or 70 contact hours (10-day).

5-day outline

Day 1 Pressure Vessel Inspection: principles and standards
- Inspection planning
- Checklists and templates to take away

Day 2 Methods and tools in practice
- Defect assessment
- Reports and documentation

Day 3 Diagnosis and problem solving
- Codes: ASME, API, AWS
- Group discussion and peer review

Day 4 Quality, safety and documentation
- Welding processes and metallurgy
- Measurement and reporting

Day 5 Workshop, assessment and action plan
- NDT methods and acceptance criteria
- Hands-on workshop on a workplace challenge

10-day outline

Day 1 Pressure Vessel Inspection: principles and standards
- Inspection planning
- Checklists and templates to take away

Day 2 Methods and tools in practice
- Defect assessment
- Reports and documentation

Day 3 Diagnosis and problem solving
- Codes: ASME, API, AWS
- Group discussion and peer review

Day 4 Quality, safety and documentation
- Welding processes and metallurgy
- Measurement and reporting

Day 5 Workshop, assessment and action plan
- NDT methods and acceptance criteria
- Hands-on workshop on a workplace challenge

Day 6 Advanced techniques and specialist practice
- Complex cases in depth
- Common mistakes and how to avoid them

Day 7 Digital tools, data and automation
- Analysis tools and software
- Using AI in this field

Day 8 Benchmarking against international practice
- Global performance benchmarks
- Regional and international case studies

Day 9 Capstone project
- Analyse a real challenge from your organisation
- Build the solution and implementation plan

Day 10 Presentations, final assessment and certificates
- Project presentations and review
- Final exam and certificate award

Schedule 2027–2030

Dates	Format	City	Language	Fee (USD)
14–18 Jun 2027	5-day classroom	Vienna	English	4,750
12–16 Jul 2027	5-day online	Live online	English	2,950
20–24 Sep 2027	5-day classroom	Abu Dhabi	Arabic	4,750
21 Nov – 2 Dec 2027	10-day classroom	Riyadh	Arabic	8,950
11–22 Jun 2028	10-day classroom	Muscat	Arabic	8,950
7–11 Aug 2028	5-day classroom	Abu Dhabi	Arabic	4,750
9–20 Oct 2028	10-day online	Live online	Arabic	5,450
18–22 Dec 2028	5-day classroom	Paris	English	4,750
21 May – 1 Jun 2029	10-day classroom	Amsterdam	English	8,950

Dates	Format	City	Language	Fee (USD)
2–6 Jul 2029	5-day classroom	Barcelona	English	4,750
3–7 Sep 2029	5-day classroom	Kuala Lumpur	English	4,750
8–12 Oct 2029	5-day online	Live online	Arabic	2,950
15–26 Apr 2030	10-day online	Live online	English	5,450
16–27 Jun 2030	10-day classroom	Manama	English	8,950
21–25 Oct 2030	5-day classroom	Dubai	Arabic	4,750
8–12 Dec 2030	5-day classroom	Cairo	English	4,750

Customised and in-house versions of this course are available on request. garnettrainings.com/en/customise/