Garnet
Garnet Global Training Center

GGT-WN-125

Inspection, Welding & NDT

Pressure Vessel Inspection to API 510

فحص أوعية الضغط وفق API 510

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

Overview

Pressure Vessel Inspection to API 510 focuses on how the work is actually done: the methods, checks and decisions practitioners use every day, illustrated with real cases from the region. Inspection and welding programs aligned with international codes, from technician to lead inspector. You can join a public session in one of 20 cities or live online, in English or Arabic, or bring the course in-house with examples from your own operations.

What you will be able to do

- Apply the methods and standards of Pressure Vessel Inspection to API 510 to real tasks.
- Diagnose common problems and identify root causes.
- Interpret data and results correctly and act on them.
- Follow safe, compliant and documented work practices.
- Avoid the mistakes that most often cause rework or failure.

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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Email: info@garnettrainings.com

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 to API 510: principles and standards

- Reports and documentation
- Measurement and reporting

Day 2 Methods and tools in practice

- Codes: ASME, API, AWS
- Welding processes and metallurgy

Day 3 Diagnosis and problem solving

- NDT methods and acceptance criteria
- Hands-on workshop on a workplace challenge

Day 4 Quality, safety and documentation

- Inspection planning
- Common mistakes and how to avoid them

Day 5 Workshop, assessment and action plan

- Defect assessment
- Regional and international case studies

10-day outline

Day 1 Pressure Vessel Inspection to API 510: principles and standards

- Reports and documentation
- Measurement and reporting

Day 2 Methods and tools in practice

- Codes: ASME, API, AWS
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Day 3 Diagnosis and problem solving

- NDT methods and acceptance criteria
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- Inspection planning
- Common mistakes and how to avoid them

Day 5 Workshop, assessment and action plan

- Defect assessment
- Regional and international case studies

Day 6 Advanced techniques and specialist practice

- Complex cases in depth
- Checklists and templates to take away

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
- Group discussion and peer review

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 Feb 2027	5-day classroom	Manama	English	4,750
5–9 Apr 2027	5-day online	Live online	Arabic	2,950
16–27 May 2027	10-day classroom	Amman	English	8,950
19–23 Jul 2027	5-day classroom	Dubai	English	4,750
17–28 Jan 2028	10-day classroom	Casablanca	Arabic	8,950
21–25 Feb 2028	5-day classroom	Dubai	Arabic	4,750
14–25 Aug 2028	10-day online	Live online	English	5,450
11–15 Sep 2028	5-day classroom	Paris	English	4,750
5–9 Mar 2029	5-day classroom	Dubai	English	4,750

Dates	Format	City	Language	Fee (USD)
17–21 Jun 2029	5-day classroom	Amman	English	4,750
14–25 Oct 2029	10-day classroom	Cairo	Arabic	8,950
3–7 Dec 2029	5-day online	Live online	Arabic	2,950
18–22 Mar 2030	5-day classroom	Istanbul	English	4,750
3–14 Jun 2030	10-day online	Live online	Arabic	5,450
11–15 Aug 2030	5-day classroom	Manama	English	4,750
16–27 Sep 2030	10-day classroom	Singapore	English	8,950

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