Garnet
Garnet Global Training Center

GGT-WN-134

Inspection, Welding & NDT

Inspection Data Management

إدارة بيانات الفحص

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

Overview

This program treats Inspection Data Management as a managed system: policies, roles, resources, performance indicators and continual improvement. 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

- Set up and run Inspection Data Management as a managed process with clear roles.
- Lead improvement projects and measure their benefit.
- Report clearly to senior management and stakeholders.
- Manage contractors, suppliers and internal customers.
- Plan resources, budgets and schedules realistically.

Who should attend

Inspectors, welding engineers and supervisors, NDT technicians and QA/QC staff. It suits supervisors, section heads and specialists who manage, or are about to manage, this area.

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 Inspection Data Management: the management framework

- Defect assessment
- Regional and international case studies

Day 2 Planning, resources and budgets

- Reports and documentation
- Codes: ASME, API, AWS

Day 3 Performance measurement and control

- Welding processes and metallurgy
- Checklists and templates to take away

Day 4 Risk, compliance and improvement

- NDT methods and acceptance criteria
- Group discussion and peer review

Day 5 Management case study and action plan

- Inspection planning
- Measurement and reporting

10-day outline

Day 1 Inspection Data Management: the management framework

- Defect assessment
- Regional and international case studies

Day 2 Planning, resources and budgets

- Reports and documentation
- Codes: ASME, API, AWS

Day 3 Performance measurement and control

- Welding processes and metallurgy
- Checklists and templates to take away

Day 4 Risk, compliance and improvement

- NDT methods and acceptance criteria
- Group discussion and peer review

Day 5 Management case study and action plan

- Inspection planning
- Measurement and reporting

Day 6 Advanced techniques and specialist practice

- Complex cases in depth
- Hands-on workshop on a workplace challenge

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
- Common mistakes and how to avoid them

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)
21–25 Mar 2027	5-day classroom	Cairo	Arabic	4,750
7–18 Jun 2027	10-day classroom	Singapore	English	8,950
5–9 Jul 2027	5-day online	Live online	English	2,950
12–16 Dec 2027	5-day classroom	Riyadh	English	4,750
13–24 Mar 2028	10-day classroom	Dubai	English	8,950
14–18 May 2028	5-day classroom	Manama	Arabic	4,750
18–22 Sep 2028	5-day classroom	London	English	4,750
2–13 Oct 2028	10-day online	Live online	Arabic	5,450
16–20 Apr 2029	5-day classroom	Abu Dhabi	English	4,750

Dates	Format	City	Language	Fee (USD)
3–7 Jun 2029	5-day classroom	Amman	English	4,750
10–14 Sep 2029	5-day online	Live online	English	2,950
16–27 Dec 2029	10-day classroom	Riyadh	English	8,950
4–8 Feb 2030	5-day classroom	Paris	English	4,750
1–12 Jul 2030	10-day online	Live online	Arabic	5,450
21 Oct – 1 Nov 2030	10-day classroom	Vienna	English	8,950
4–8 Nov 2030	5-day classroom	Casablanca	Arabic	4,750

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