Garnet
Garnet Global Training Center

GGT-NR-103

Nuclear & Radiation Safety

Industrial Radiography Safety

السلامة في التصوير الإشعاعي الصناعي

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

Overview

Industrial Radiography Safety turns established good practice into step-by-step methods that participants rehearse in exercises and then apply at work. Safe use of radiation sources in industry, medicine and energy, aligned with international safety standards. Choose 5 or 10 days, classroom or live online, English or Arabic; organisations can also run it in-house and adapt the examples to their own work.

What you will be able to do

- Apply the methods and standards of Industrial Radiography Safety to real tasks.
- 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.
- Share good practice with your team.

Who should attend

Radiation protection officers, industrial radiographers, medical physicists and nuclear sector staff. Practitioners with one to five years of experience benefit most.

Key topics

- Radiation physics basics
- Dose limits and regulation
- Shielding and monitoring
- Source security
- Emergency planning
- Waste and transport

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 Industrial Radiography Safety: principles and standards

- Emergency planning
- Group discussion and peer review

Day 2 Methods and tools in practice

- Waste and transport
- Radiation physics basics

Day 3 Diagnosis and problem solving

- Dose limits and regulation
- Measurement and reporting

Day 4 Quality, safety and documentation

- Shielding and monitoring
- Hands-on workshop on a workplace challenge

Day 5 Workshop, assessment and action plan

- Source security
- Common mistakes and how to avoid them

10-day outline

Day 1 Industrial Radiography Safety: principles and standards

- Emergency planning
- Group discussion and peer review

Day 2 Methods and tools in practice

- Waste and transport
- Radiation physics basics

Day 3 Diagnosis and problem solving

- Dose limits and regulation
- Measurement and reporting

Day 4 Quality, safety and documentation

- Shielding and monitoring
- Hands-on workshop on a workplace challenge

Day 5 Workshop, assessment and action plan

- Source security
- Common mistakes and how to avoid them

Day 6 Advanced techniques and specialist practice

- Complex cases in depth
- Regional and international case studies

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
- Checklists and templates to take away

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)
15–19 Feb 2027	5-day classroom	Dubai	Arabic	4,750
15–19 Mar 2027	5-day online	Live online	English	2,950
1–5 Aug 2027	5-day classroom	Doha	English	4,750
11–22 Oct 2027	10-day classroom	Casablanca	English	8,950
17–28 Apr 2028	10-day online	Live online	English	5,450
12–16 Jun 2028	5-day classroom	Geneva	English	4,750
3–7 Sep 2028	5-day classroom	Jeddah	Arabic	4,750
13–24 Nov 2028	10-day classroom	Barcelona	English	8,950
19–23 Mar 2029	5-day online	Live online	Arabic	2,950

Dates	Format	City	Language	Fee (USD)
13–24 Aug 2029	10-day classroom	Abu Dhabi	English	8,950
16–20 Sep 2029	5-day classroom	Cairo	Arabic	4,750
8–12 Oct 2029	5-day classroom	Paris	English	4,750
10–21 Feb 2030	10-day classroom	Amman	Arabic	8,950
1–12 Apr 2030	10-day online	Live online	Arabic	5,450
8–12 Jul 2030	5-day classroom	Paris	English	4,750
7–11 Oct 2030	5-day classroom	Abu Dhabi	English	4,750

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