Garnet
Garnet Global Training Center

GGT-NR-106

Nuclear & Radiation Safety

Nuclear Gauges Safety

السلامة في أجهزة القياس النووية

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

Overview

Nuclear Gauges 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. 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 Nuclear Gauges Safety 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

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 Nuclear Gauges 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 Nuclear Gauges 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)
11–22 Jan 2027	10-day classroom	Amsterdam	English	8,950
6–10 Jun 2027	5-day classroom	Manama	English	4,750
2–6 Aug 2027	5-day classroom	Kuala Lumpur	English	4,750
13–17 Dec 2027	5-day online	Live online	English	2,950
2–6 Jan 2028	5-day classroom	Manama	English	4,750
14–25 Feb 2028	10-day classroom	Dubai	Arabic	8,950
9–13 Apr 2028	5-day classroom	Jeddah	English	4,750
1–12 May 2028	10-day online	Live online	English	5,450
5–9 Feb 2029	5-day online	Live online	English	2,950
11–15 Jun 2029	5-day classroom	Dubai	Arabic	4,750

Dates	Format	City	Language	Fee (USD)
8–12 Oct 2029	5-day classroom	Singapore	English	4,750
12–23 Nov 2029	10-day classroom	Abu Dhabi	Arabic	8,950
11–15 Feb 2030	5-day classroom	Abu Dhabi	English	4,750
1–5 Apr 2030	5-day classroom	Amsterdam	English	4,750
19–30 Aug 2030	10-day classroom	Geneva	English	8,950
9–20 Sep 2030	10-day online	Live online	English	5,450

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