Garnet
Garnet Global Training Center

GGT-HS-132

HSE & Process Safety

Excavation & Trenching Safety

السلامة في أعمال الحفر والخنادق

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

Overview

Excavation & Trenching Safety focuses on how the work is actually done: the methods, checks and decisions practitioners use every day, illustrated with real cases from the region. Prevent incidents by understanding hazards, controlling risk and leading safety culture. 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 Excavation & Trenching 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

HSE professionals, operations leaders, supervisors and anyone accountable for safe work. Practitioners with one to five years of experience benefit most.

Key topics

- Hazard identification and risk assessment
- Barriers, bow-tie and layers of protection
- Legal duties and international standards
- Human factors and safety culture
- Emergency preparedness
- Lessons from major accident investigations

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 Excavation & Trenching Safety: principles and standards

- Emergency preparedness
- Hands-on workshop on a workplace challenge

Day 2 Methods and tools in practice

- Lessons from major accident investigations
- Hazard identification and risk assessment

Day 3 Diagnosis and problem solving

- Barriers, bow-tie and layers of protection
- Common mistakes and how to avoid them

Day 4 Quality, safety and documentation

- Legal duties and international standards
- Regional and international case studies

Day 5 Workshop, assessment and action plan

- Human factors and safety culture
- Checklists and templates to take away

10-day outline

Day 1 Excavation & Trenching Safety: principles and standards

- Emergency preparedness
- Hands-on workshop on a workplace challenge

Day 2 Methods and tools in practice

- Lessons from major accident investigations
- Hazard identification and risk assessment

Day 3 Diagnosis and problem solving

- Barriers, bow-tie and layers of protection
- Common mistakes and how to avoid them

Day 4 Quality, safety and documentation

- Legal duties and international standards
- Regional and international case studies

Day 5 Workshop, assessment and action plan

- Human factors and safety culture
- Checklists and templates to take away

Day 6 Advanced techniques and specialist practice

- Complex cases in depth
- Group discussion and peer review

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
- Measurement and reporting

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)
1–5 Mar 2027	5-day online	Live online	Arabic	2,950
19–30 Jul 2027	10-day classroom	Singapore	English	8,950
3–7 Oct 2027	5-day classroom	Jeddah	Arabic	4,750
8–12 Nov 2027	5-day classroom	Dubai	English	4,750
7–11 Feb 2028	5-day classroom	Istanbul	English	4,750
13–17 Mar 2028	5-day classroom	London	English	4,750
3–14 Jul 2028	10-day online	Live online	English	5,450
13–24 Nov 2028	10-day classroom	Kuala Lumpur	English	8,950
15–19 Jan 2029	5-day classroom	Dubai	Arabic	4,750

Dates	Format	City	Language	Fee (USD)
8–12 Jul 2029	5-day classroom	Cairo	Arabic	4,750
10–14 Sep 2029	5-day online	Live online	English	2,950
1–12 Oct 2029	10-day classroom	Kuala Lumpur	English	8,950
6–10 Jan 2030	5-day classroom	Riyadh	Arabic	4,750
15–19 Jul 2030	5-day classroom	Istanbul	English	4,750
16–27 Sep 2030	10-day online	Live online	Arabic	5,450
20–31 Oct 2030	10-day classroom	Kuwait City	English	8,950

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