Garnet
Garnet Global Training Center

GGT-FE-109

Fire Engineering & Fire Protection

Clean Agent & Gas Suppression Systems

أنظمة الإطفاء بالغازات النظيفة

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

Overview

Clean Agent & Gas Suppression Systems 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, detect and control fire with the right design, systems and inspection. 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 Clean Agent & Gas Suppression Systems to real tasks.
- Use the right tools, checks and calculations step by step.
- Diagnose common problems and identify root causes.
- Interpret data and results correctly and act on them.
- Follow safe, compliant and documented work practices.

Who should attend

Fire engineers, fire safety officers, MEP designers, inspectors and facility managers. Practitioners with one to five years of experience benefit most.

Key topics

- Fire science
- Codes: NFPA and local codes
- Detection and alarm
- Suppression systems
- Means of egress
- Inspection and maintenance

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 Clean Agent & Gas Suppression Systems: principles and standards

- Codes: NFPA and local codes
- Group discussion and peer review

Day 2 Methods and tools in practice

- Detection and alarm
- Suppression systems

Day 3 Diagnosis and problem solving

- Means of egress
- Measurement and reporting

Day 4 Quality, safety and documentation

- Inspection and maintenance
- Hands-on workshop on a workplace challenge

Day 5 Workshop, assessment and action plan

- Fire science
- Common mistakes and how to avoid them

10-day outline

Day 1 Clean Agent & Gas Suppression Systems: principles and standards

- Codes: NFPA and local codes
- Group discussion and peer review

Day 2 Methods and tools in practice

- Detection and alarm
- Suppression systems

Day 3 Diagnosis and problem solving

- Means of egress
- Measurement and reporting

Day 4 Quality, safety and documentation

- Inspection and maintenance
- Hands-on workshop on a workplace challenge

Day 5 Workshop, assessment and action plan

- Fire science
- 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 Mar 2027	5-day classroom	Vienna	English	4,750
5–9 Apr 2027	5-day online	Live online	Arabic	2,950
21 Jun – 2 Jul 2027	10-day classroom	Abu Dhabi	English	8,950
12–16 Sep 2027	5-day classroom	Manama	Arabic	4,750
5–9 Mar 2028	5-day classroom	Riyadh	English	4,750
17–21 Apr 2028	5-day classroom	Abu Dhabi	English	4,750
10–21 Jul 2028	10-day classroom	Barcelona	English	8,950
7–18 Aug 2028	10-day online	Live online	Arabic	5,450
8–12 Jan 2029	5-day classroom	Abu Dhabi	Arabic	4,750

Dates	Format	City	Language	Fee (USD)
19–23 Feb 2029	5-day online	Live online	English	2,950
20–24 May 2029	5-day classroom	Jeddah	English	4,750
9–20 Sep 2029	10-day classroom	Kuwait City	Arabic	8,950
7–11 Jan 2030	5-day classroom	Geneva	English	4,750
4–15 Mar 2030	10-day online	Live online	Arabic	5,450
14–25 Apr 2030	10-day classroom	Doha	Arabic	8,950
11–15 Nov 2030	5-day classroom	Dubai	English	4,750

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