Garnet
Garnet Global Training Center

GGT-FE-114

Fire Engineering & Fire Protection

Passive Fire Protection

الحماية السلبية من الحرائق

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

Overview

Passive Fire Protection 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. 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 Passive Fire Protection 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 Passive Fire Protection: principles and standards
- Inspection and maintenance
- Group discussion and peer review

Day 2 Methods and tools in practice
- Fire science
- Codes: NFPA and local codes

Day 3 Diagnosis and problem solving
- Detection and alarm
- Measurement and reporting

Day 4 Quality, safety and documentation
- Suppression systems
- Hands-on workshop on a workplace challenge

Day 5 Workshop, assessment and action plan
- Means of egress
- Common mistakes and how to avoid them

10-day outline

Day 1 Passive Fire Protection: principles and standards
- Inspection and maintenance
- Group discussion and peer review

Day 2 Methods and tools in practice
- Fire science
- Codes: NFPA and local codes

Day 3 Diagnosis and problem solving
- Detection and alarm
- Measurement and reporting

Day 4 Quality, safety and documentation
- Suppression systems
- Hands-on workshop on a workplace challenge

Day 5 Workshop, assessment and action plan
- Means of egress
- 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)
20 Jun – 1 Jul 2027	10-day classroom	Riyadh	Arabic	8,950
12–16 Jul 2027	5-day classroom	Amsterdam	English	4,750
9–13 Aug 2027	5-day classroom	Casablanca	English	4,750
6–10 Sep 2027	5-day online	Live online	Arabic	2,950
10–21 Jan 2028	10-day online	Live online	English	5,450
8–12 May 2028	5-day classroom	Dubai	Arabic	4,750
14–25 Aug 2028	10-day classroom	London	English	8,950
5–9 Nov 2028	5-day classroom	Muscat	Arabic	4,750
12–23 Mar 2029	10-day classroom	Dubai	Arabic	8,950
11–15 Jun 2029	5-day online	Live online	Arabic	2,950

Dates	Format	City	Language	Fee (USD)
20–24 Aug 2029	5-day classroom	Abu Dhabi	English	4,750
3–7 Dec 2029	5-day classroom	Kuala Lumpur	English	4,750
7–18 Jan 2030	10-day online	Live online	Arabic	5,450
1–5 Apr 2030	5-day classroom	London	English	4,750
7–18 Oct 2030	10-day classroom	Amsterdam	English	8,950
1–5 Dec 2030	5-day classroom	Jeddah	English	4,750

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