Garnet
Garnet Global Training Center

GGT-FE-108

Fire Engineering & Fire Protection

Fire Pumps (NFPA 20)

مضخات الحريق (NFPA 20)

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

Overview

Participants in Fire Pumps (NFPA 20) practise the methods, tools and standards they need to perform reliably and solve problems on the job. 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 Fire Pumps (NFPA 20) to real tasks.
- Follow safe, compliant and documented work practices.
- Avoid the mistakes that most often cause rework or failure.
- Share good practice with your team.
- Use the right tools, checks and calculations step by step.

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 Fire Pumps (NFPA 20): 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 Fire Pumps (NFPA 20): 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	Geneva	English	4,750
12–16 Apr 2027	5-day classroom	London	English	4,750
3–7 May 2027	5-day online	Live online	English	2,950
5–16 Jul 2027	10-day classroom	Istanbul	English	8,950
16–20 Jan 2028	5-day classroom	Muscat	Arabic	4,750
1–5 Oct 2028	5-day classroom	Jeddah	Arabic	4,750
6–17 Nov 2028	10-day online	Live online	English	5,450
18–29 Dec 2028	10-day classroom	Paris	English	8,950
5–9 Mar 2029	5-day classroom	Dubai	Arabic	4,750
18–29 Jun 2029	10-day classroom	Istanbul	English	8,950

Dates	Format	City	Language	Fee (USD)
10–14 Sep 2029	5-day online	Live online	Arabic	2,950
11–15 Nov 2029	5-day classroom	Jeddah	English	4,750
13–24 Jan 2030	10-day classroom	Kuwait City	English	8,950
18 Feb – 1 Mar 2030	10-day online	Live online	English	5,450
13–17 May 2030	5-day classroom	Dubai	English	4,750
1–5 Jul 2030	5-day classroom	Amsterdam	English	4,750

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