Garnet
Garnet Global Training Center

GGT-FE-110

Fire Engineering & Fire Protection

# Foam Systems for Industrial Facilities

أنظمة الرغوة للمنشآت الصناعية

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

## Overview

Foam Systems for Industrial Facilities 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. You can join a public session in one of 20 cities or live online, in English or Arabic, or bring the course in-house with examples from your own operations.

## What you will be able to do

- Apply the methods and standards of Foam Systems for Industrial Facilities to real tasks.
- 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.
- Diagnose common problems and identify root causes.

## 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

**WhatsApp:** +971 56 674 7382

**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 Foam Systems for Industrial Facilities: principles and standards

- Suppression systems
- Common mistakes and how to avoid them

### Day 2 Methods and tools in practice

- Means of egress
- Inspection and maintenance

### Day 3 Diagnosis and problem solving

- Fire science
- Regional and international case studies

### Day 4 Quality, safety and documentation

- Codes: NFPA and local codes
- Checklists and templates to take away

### Day 5 Workshop, assessment and action plan

- Detection and alarm
- Group discussion and peer review

## 10-day outline

### Day 1 Foam Systems for Industrial Facilities: principles and standards

- Suppression systems
- Common mistakes and how to avoid them

### Day 2 Methods and tools in practice

- Means of egress
- Inspection and maintenance

### Day 3 Diagnosis and problem solving

- Fire science
- Regional and international case studies

### Day 4 Quality, safety and documentation

- Codes: NFPA and local codes
- Checklists and templates to take away

### Day 5 Workshop, assessment and action plan

- Detection and alarm
- Group discussion and peer review

### Day 6 Advanced techniques and specialist practice

- Complex cases in depth
- Measurement and reporting

### 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
- Hands-on workshop on a workplace challenge

### 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) |
|---|---|---|---|---|
| 14–25 Jun 2027 | 10-day classroom | London | English | 8,950 |
| 18–22 Jul 2027 | 5-day classroom | Riyadh | Arabic | 4,750 |
| 13–17 Sep 2027 | 5-day online | Live online | Arabic | 2,950 |
| 4–8 Oct 2027 | 5-day classroom | Dubai | English | 4,750 |
| 21–25 May 2028 | 5-day classroom | Kuwait City | Arabic | 4,750 |
| 21 Aug – 1 Sep 2028 | 10-day classroom | Amsterdam | English | 8,950 |
| 4–15 Sep 2028 | 10-day online | Live online | English | 5,450 |
| 20–24 Nov 2028 | 5-day classroom | London | English | 4,750 |
| 11–15 Mar 2029 | 5-day classroom | Cairo | English | 4,750 |

| Dates | Format | City | Language | Fee (USD) |
|---|---|---|---|---|
| 9–20 Jul 2029 | 10-day classroom | Istanbul | English | 8,950 |
| 19–23 Nov 2029 | 5-day online | Live online | English | 2,950 |
| 16–20 Dec 2029 | 5-day classroom | Doha | Arabic | 4,750 |
| 4–15 Feb 2030 | 10-day online | Live online | English | 5,450 |
| 17–21 Mar 2030 | 5-day classroom | Riyadh | Arabic | 4,750 |
| 15–26 Apr 2030 | 10-day classroom | Barcelona | English | 8,950 |
| 1–5 Dec 2030 | 5-day classroom | Cairo | English | 4,750 |

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