Garnet
Garnet Global Training Center

GGT-FE-122

Fire Engineering & Fire Protection **New from 2028**

# Battery & EV Fire Hazards

مخاطر حرائق البطاريات والمركبات الكهربائية

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

## Overview

Battery & EV Fire Hazards 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 Battery & EV Fire Hazards to real tasks.
- Share good practice with your team.
- 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.

## 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 Battery & EV Fire Hazards: principles and standards

- Fire science
- Common mistakes and how to avoid them

### Day 2 Methods and tools in practice

- Codes: NFPA and local codes
- Detection and alarm

### Day 3 Diagnosis and problem solving

- Suppression systems
- Regional and international case studies

### Day 4 Quality, safety and documentation

- Means of egress
- Checklists and templates to take away

### Day 5 Workshop, assessment and action plan

- Inspection and maintenance
- Group discussion and peer review

## 10-day outline

### Day 1 Battery & EV Fire Hazards: principles and standards

- Fire science
- Common mistakes and how to avoid them

### Day 2 Methods and tools in practice

- Codes: NFPA and local codes
- Detection and alarm

### Day 3 Diagnosis and problem solving

- Suppression systems
- Regional and international case studies

### Day 4 Quality, safety and documentation

- Means of egress
- Checklists and templates to take away

### Day 5 Workshop, assessment and action plan

- Inspection and maintenance
- 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) |
|---|---|---|---|---|
| 14–18 May 2028 | 5-day classroom | Kuwait City | Arabic | 4,750 |
| 5–16 Jun 2028 | 10-day online | Live online | English | 5,450 |
| 10–21 Jul 2028 | 10-day classroom | Kuala Lumpur | English | 8,950 |
| 20–24 Nov 2028 | 5-day classroom | Abu Dhabi | English | 4,750 |
| 8–12 Jan 2029 | 5-day online | Live online | English | 2,950 |
| 17–21 Sep 2029 | 5-day classroom | Dubai | Arabic | 4,750 |
| 4–15 Nov 2029 | 10-day classroom | Jeddah | English | 8,950 |
| 17–21 Dec 2029 | 5-day classroom | Abu Dhabi | English | 4,750 |
| 18–22 Mar 2030 | 5-day classroom | Dubai | Arabic | 4,750 |

| Dates | Format | City | Language | Fee (USD) |
|---|---|---|---|---|
| 10–21 Jun 2030 | 10-day online | Live online | Arabic | 5,450 |
| 8–19 Jul 2030 | 10-day classroom | Paris | English | 8,950 |
| 3–7 Nov 2030 | 5-day classroom | Muscat | English | 4,750 |

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