



Hazardous Area Classification & Ex Equipment: Practical Workshop

Electrical Engineering

QGT-ELE-152 | Practical workshop | 5 or 10 days | Online, classroom, in-house

Course overview

Hazardous Area Classification & Ex Equipment: Practical Workshop is a hands-on workshop built around exercises and real site problems in Hazardous Area Classification & Ex Equipment. It covers the principles, the requirements of IEC, IEEE and NFPA 70/70E, and the practical methods used on site, with case studies from operations in the Gulf, Africa and worldwide. Available online, in the classroom in 60 cities, or in-house.

What participants will be able to do

- Explain the principles, terminology and scope of Hazardous Area Classification & Ex Equipment
- Apply the relevant requirements of IEC, IEEE and NFPA 70/70E
- Use practical tools, checklists and calculations with confidence
- Recognise common problems, risks and root causes and choose the right corrective action
- Prepare an improvement plan for their own site or organisation

Who should attend

Designed for electrical engineers, technicians, supervisors and authorised persons who want practice rather than theory.

Course outline (5 days)

Day 1: Workshop briefing and baseline

Participants bring a real problem from their own site

Day 2: Guided practice 1

Hands-on exercises using templates, checklists and calculators

Day 3: Guided practice 2

Simulations and role-play based on Hazardous Area Classification & Ex Equipment scenarios

Day 4: Field cases from the Gulf and Africa

Analysing what went wrong and what worked

Day 5: Action plan and peer review

Each participant leaves with a reviewed improvement plan

What the 10-day edition adds

Day 6: Applied project, part 1 – Apply the week-one methods to a case from your organisation

Day 7: Data and digital tools – Software, spreadsheets and digital tools used in practice

Day 8: Lessons from incidents and audits – What investigations and audit findings teach

Day 9: Applied project, part 2 – Complete, test and refine your solution

Day 10: Presentations and final assessment – Present to the group and complete the final assessment

Fees (USD per participant)

Duration	Live online	Classroom	In-house
5 days	\$3,000	\$5,500	On quote
10 days	\$5,500	\$9,900	On quote

Fees include course material and certificate of completion; classroom fees include refreshments and lunch. In-house training is priced per group.

Dates and cities 2027–2030

Dates	City	Format	Duration	Fee
4–8 Apr 2027	Dammam	Classroom	5 days	\$5,500
9–20 May 2027	Muscat	Classroom	10 days	\$9,900
6–10 Sep 2027	Tbilisi	Classroom	5 days	\$5,500
4–15 Oct 2027	Amsterdam	Classroom	10 days	\$9,900
8–12 Nov 2027	Online (live)	Online (live)	5 days	\$3,000
28 May – 1 Jun 2028	Amman	Classroom	5 days	\$5,500
12–23 Jun 2028	London	Classroom	10 days	\$9,900
24–28 Jul 2028	Istanbul	Classroom	5 days	\$5,500
25 Sep – 6 Oct 2028	Johannesburg	Classroom	10 days	\$9,900
16–20 Oct 2028	Online (live)	Online (live)	5 days	\$3,000
5–9 Feb 2029	Istanbul	Classroom	5 days	\$5,500
12–23 Feb 2029	Amsterdam	Classroom	10 days	\$9,900
25–29 Jun 2029	Lagos	Classroom	5 days	\$5,500
4–15 Nov 2029	Cairo	Classroom	10 days	\$9,900
26–30 Nov 2029	Online (live)	Online (live)	5 days	\$3,000
20–24 May 2030	Baku	Classroom	5 days	\$5,500
8–19 Jul 2030	Dubai	Classroom	10 days	\$9,900
29 Jul – 2 Aug 2030	Frankfurt	Classroom	5 days	\$5,500
21 Oct – 1 Nov 2030	Athens	Classroom	10 days	\$9,900
18–22 Nov 2030	Online (live)	Online (live)	5 days	\$3,000

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/hazardous-area-classification-and-ex-equipment-practical-workshop>

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