



Electrical Maintenance & Testing: Practical Workshop

Electrical Engineering

QGT-ELE-158 | Practical workshop | 5 or 10 days | Online, classroom, in-house

Course overview

Electrical Maintenance & Testing: Practical Workshop is a hands-on workshop built around exercises and real site problems in Electrical Maintenance & Testing. 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 Electrical Maintenance & Testing
- 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 Electrical Maintenance & Testing 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
14–18 Mar 2027	Kuwait City	Classroom	5 days	\$5,500
21 Mar – 1 Apr 2027	Dammam	Classroom	10 days	\$9,900
5–9 Apr 2027	Athens	Classroom	5 days	\$5,500
25 Apr – 6 May 2027	Amman	Classroom	10 days	\$9,900
21–25 Jun 2027	Online (live)	Online (live)	5 days	\$3,000
31 Jan – 4 Feb 2028	Stockholm	Classroom	5 days	\$5,500
28 Feb – 10 Mar 2028	Manchester	Classroom	10 days	\$9,900
9–13 Apr 2028	Kuwait City	Classroom	5 days	\$5,500
16–27 Apr 2028	Muscat	Classroom	10 days	\$9,900
23–27 Oct 2028	Online (live)	Online (live)	5 days	\$3,000
19–23 Mar 2029	Kigali	Classroom	5 days	\$5,500
2–13 Apr 2029	Bangkok	Classroom	10 days	\$9,900
16–20 Apr 2029	Dublin	Classroom	5 days	\$5,500
3–14 Sep 2029	Johannesburg	Classroom	10 days	\$9,900
3–7 Dec 2029	Online (live)	Online (live)	5 days	\$3,000
3–7 Feb 2030	Jeddah	Classroom	5 days	\$5,500
25 Feb – 8 Mar 2030	Brussels	Classroom	10 days	\$9,900
3–7 Jun 2030	Luanda	Classroom	5 days	\$5,500
8–19 Sep 2030	Alexandria	Classroom	10 days	\$9,900
2–6 Dec 2030	Online (live)	Online (live)	5 days	\$3,000

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/electrical-maintenance-and-testing-practical-workshop/>

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