



# Electric Motors & Drives: Practical Workshop

## Electrical Engineering

QGT-ELE-149 | Practical workshop | 5 or 10 days | Online, classroom, in-house

### Course overview

Electric Motors & Drives: Practical Workshop is a hands-on workshop built around exercises and real site problems in Electric Motors & Drives. 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 Electric Motors & Drives
- 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 Electric Motors & Drives 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     |
|----------------------|-----------------|---------------|----------|---------|
| 11–15 Jul 2027       | Sharm El Sheikh | Classroom     | 5 days   | \$5,500 |
| 26 Jul – 6 Aug 2027  | Kigali          | Classroom     | 10 days  | \$9,900 |
| 16–20 Aug 2027       | Singapore       | Classroom     | 5 days   | \$5,500 |
| 6–17 Sep 2027        | Berlin          | Classroom     | 10 days  | \$9,900 |
| 15–19 Nov 2027       | Online (live)   | Online (live) | 5 days   | \$3,000 |
| 28 Feb – 3 Mar 2028  | Accra           | Classroom     | 5 days   | \$5,500 |
| 5–16 Jun 2028        | Stockholm       | Classroom     | 10 days  | \$9,900 |
| 6–10 Nov 2028        | Brussels        | Classroom     | 5 days   | \$5,500 |
| 13–24 Nov 2028       | Toronto         | Classroom     | 10 days  | \$9,900 |
| 4–8 Dec 2028         | Online (live)   | Online (live) | 5 days   | \$3,000 |
| 26–30 Mar 2029       | Istanbul        | Classroom     | 5 days   | \$5,500 |
| 30 Apr – 11 May 2029 | Abu Dhabi       | Classroom     | 10 days  | \$9,900 |
| 6–10 May 2029        | Muscat          | Classroom     | 5 days   | \$5,500 |
| 11–22 Jun 2029       | Munich          | Classroom     | 10 days  | \$9,900 |
| 19–23 Nov 2029       | Online (live)   | Online (live) | 5 days   | \$3,000 |
| 11–15 Mar 2030       | Barcelona       | Classroom     | 5 days   | \$5,500 |
| 21 Apr – 2 May 2030  | Cairo           | Classroom     | 10 days  | \$9,900 |
| 15–19 Jul 2030       | Johannesburg    | Classroom     | 5 days   | \$5,500 |
| 5–16 Aug 2030        | Baku            | Classroom     | 10 days  | \$9,900 |
| 19–23 Aug 2030       | Online (live)   | Online (live) | 5 days   | \$3,000 |

## How to register

### Register online or scan the code

<https://qimmatrainig.com/courses/electric-motors-and-drives-practical-workshop/>

WhatsApp: +971 50 697 0908

Email: [training@qimmatrainig.com](mailto:training@qimmatrainig.com)

