Elevora
Global Training

COURSE BROCHURE

Transformers and Switchgear Maintenance

Electrical & Instrumentation

Code	Duration	Formats	Language	Certificate
EI-104	**5 or 10 days**	**Classroom, live online, in-house, blended**	**English or Arabic**	**Certificate of completion**

A practical electrical and instrumentation course covering transformer theory and types, testing and diagnostics and switchgear types. Run as a 5-day core or 10-day extended programme, in 16 cities, live online or in-house, and fully customisable for your team.

About this course

Transformers and Switchgear Maintenance gives delegates a structured, practical understanding of transformer theory and types and testing and diagnostics, then builds the skills to apply switchgear types, maintenance practice and condition monitoring in real work. Sessions are led by practitioners with at least 15 years in the field.

What you will learn

- Transformer theory and types
- Testing and diagnostics
- Switchgear types
- Maintenance practice
- Condition monitoring

Who should attend

Electrical, instrumentation and control engineers, technicians and supervisors.

5-day course outline

Day 1	**Transformer theory and types**	Concepts, standards and terminology, with a diagnostic exercise to baseline the group.
Day 2	**Testing and diagnostics**	Methods and tools explained step by step, with worked examples from real operations.
Day 3	**Switchgear types**	Hands-on practice in small groups using realistic data, cases and templates.
Day 4	**Maintenance practice**	Case studies of successes and failures, and how to apply the lessons in your organisation.
Day 5	**Condition monitoring**	Integration exercise, final knowledge check and a personal action plan.

10-day extended programme

Includes the full 5-day outline, plus a second week of applied work:

Day 6	**Applied workshop: Transformer theory and types** — Deeper practice with your own data or site examples.
Day 7	**Applied workshop: Testing and diagnostics and switchgear types** — Group exercises that combine methods from week one.
Day 8	**Field case study: Maintenance practice** — A detailed industry case worked through from start to finish.
Day 9	**Advanced practice: Condition monitoring** — Tools, templates and checklists to take back to work.
Day 10	**Assessed project and presentation** — Each delegate presents an improvement plan and completes the final assessment.

Upcoming classroom dates

More dates, cities and live online sessions on request.

Dates	City	Length	Fee per delegate
2 Nov 2026 to 6 Nov 2026	Istanbul	5 days	**$2,450**
14 Dec 2026 to 18 Dec 2026	London	5 days	**$3,450**
17 Jan 2027 to 21 Jan 2027	Cairo	5 days	**$2,450**
1 Feb 2027 to 5 Feb 2027	Kuala Lumpur	5 days	**$2,450**
8 Mar 2027 to 19 Mar 2027	Kuala Lumpur	10 days	**$4,450**

Fees per delegate (2026 to 2027)

Format	5 days	10 days
Classroom: Dubai, Istanbul, Cairo, Kuala Lumpur	**$2,450**	**$4,450**
Classroom: London, Europe, Singapore	**$3,450**	**$6,250**
Live online	**$1,450**	**$2,650**
In-house, group of up to 15	**From $12,900**	**From $23,500**

Classroom fees include tuition, materials, lunch and refreshments, and a certificate. 10% group saving for 3 delegates, 15% for 5 or more.

Tailored to your team

Change the level, language, length (1 to 20 days) and format, add topics from other courses or entirely new topics, and include your own case studies, site visits or exam preparation. Build it online for an instant indicative fee.

Register or request an in-house proposal

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