



Diesel Engines & Generators: Practical Workshop

Mechanical & Rotating Equipment

QGT-MEC-166 | Practical workshop | 5 or 10 days | Online, classroom, in-house

Course overview

Diesel Engines & Generators: Practical Workshop is a hands-on workshop built around exercises and real site problems in Diesel Engines & Generators. It covers the principles, the requirements of API 610/617/618, ASME and ISO standards, 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 Diesel Engines & Generators
- Apply the relevant requirements of API 610/617/618, ASME and ISO standards
- 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 mechanical engineers, technicians, supervisors and maintenance staff 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 Diesel Engines & Generators 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
27 Sep – 1 Oct 2027	Marrakech	Classroom	5 days	\$5,500
18–29 Oct 2027	Rome	Classroom	10 days	\$9,900
8–12 Nov 2027	Paris	Classroom	5 days	\$5,500
22 Nov – 3 Dec 2027	Dublin	Classroom	10 days	\$9,900
6–10 Dec 2027	Online (live)	Online (live)	5 days	\$3,000
24–28 Jan 2028	London	Classroom	5 days	\$5,500
6–17 Feb 2028	Erbil	Classroom	10 days	\$9,900
5–9 Jun 2028	Houston	Classroom	5 days	\$5,500
18–29 Sep 2028	Milan	Classroom	10 days	\$9,900
6–10 Nov 2028	Online (live)	Online (live)	5 days	\$3,000
4–8 Feb 2029	Doha	Classroom	5 days	\$5,500
16–27 Apr 2029	Johannesburg	Classroom	10 days	\$9,900
29 Apr – 3 May 2029	Muscat	Classroom	5 days	\$5,500
9–20 Jul 2029	Madrid	Classroom	10 days	\$9,900
19–23 Nov 2029	Online (live)	Online (live)	5 days	\$3,000
28 Jan – 1 Feb 2030	Istanbul	Classroom	5 days	\$5,500
18 Feb – 1 Mar 2030	Johannesburg	Classroom	10 days	\$9,900
13–17 May 2030	Athens	Classroom	5 days	\$5,500
20–31 May 2030	London	Classroom	10 days	\$9,900
5–9 Aug 2030	Online (live)	Online (live)	5 days	\$3,000

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/diesel-engines-and-generators-practical-workshop/>

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