



Steam Turbines Operation & Maintenance

Mechanical & Rotating Equipment

QGT-MEC-105 | Foundation | 5 or 10 days | Online, classroom, in-house

Course overview

Steam Turbines Operation & Maintenance is an introduction that builds a solid working knowledge in Steam Turbines Operation & Maintenance. 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 Steam Turbines Operation & Maintenance
- 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, new joiners and anyone who needs a solid grounding in the subject.

Course outline (5 days)

Day 1: Principles and terminology

Scope, key definitions and how Steam Turbines Operation & Maintenance fits into daily operations

Day 2: Codes, standards and requirements

What API 610/617/618, ASME and ISO standards require, and how to read them

Day 3: Methods, tools and calculations

Step-by-step methods, checklists and worked examples

Day 4: Operation, inspection and common problems

Typical failures, warning signs and what to do about them

Day 5: Case studies, workshop and assessment

Group exercise on real cases and a final knowledge check

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
19–23 Apr 2027	Sharjah	Classroom	5 days	\$5,500
27 Jun – 8 Jul 2027	Doha	Classroom	10 days	\$9,900
12–16 Jul 2027	Marrakech	Classroom	5 days	\$5,500
19–30 Jul 2027	Copenhagen	Classroom	10 days	\$9,900
8–12 Nov 2027	Online (live)	Online (live)	5 days	\$3,000
7–11 Feb 2028	Barcelona	Classroom	5 days	\$5,500
14–25 Feb 2028	Kigali	Classroom	10 days	\$9,900
26–30 Mar 2028	Cairo	Classroom	5 days	\$5,500
8–19 May 2028	Istanbul	Classroom	10 days	\$9,900
2–6 Oct 2028	Online (live)	Online (live)	5 days	\$3,000
26 Feb – 2 Mar 2029	Luanda	Classroom	5 days	\$5,500
21 May – 1 Jun 2029	Stockholm	Classroom	10 days	\$9,900
4–8 Jun 2029	Casablanca	Classroom	5 days	\$5,500
25 Jun – 6 Jul 2029	Paris	Classroom	10 days	\$9,900
3–7 Dec 2029	Online (live)	Online (live)	5 days	\$3,000
10–14 Feb 2030	Kuwait City	Classroom	5 days	\$5,500
19–30 Aug 2030	Houston	Classroom	10 days	\$9,900
9–13 Sep 2030	Edinburgh	Classroom	5 days	\$5,500
23 Sep – 4 Oct 2030	Berlin	Classroom	10 days	\$9,900
21–25 Oct 2030	Online (live)	Online (live)	5 days	\$3,000

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/steam-turbines-operation-and-maintenance/>

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