



Gearboxes & Power Transmission

Mechanical & Rotating Equipment

QGT-MEC-109 | Foundation | 5 or 10 days | Online, classroom, in-house

Course overview

Gearboxes & Power Transmission is an introduction that builds a solid working knowledge in Gearboxes & Power Transmission. 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 Gearboxes & Power Transmission
- 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 Gearboxes & Power Transmission 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
15–19 Mar 2027	Frankfurt	Classroom	5 days	\$5,500
21 Jun – 2 Jul 2027	Athens	Classroom	10 days	\$9,900
19–23 Jul 2027	Cape Town	Classroom	5 days	\$5,500
18–29 Oct 2027	Dublin	Classroom	10 days	\$9,900
29 Nov – 3 Dec 2027	Online (live)	Online (live)	5 days	\$3,000
12–16 Jun 2028	Casablanca	Classroom	5 days	\$5,500
2–13 Jul 2028	Salalah	Classroom	10 days	\$9,900
31 Jul – 4 Aug 2028	Baku	Classroom	5 days	\$5,500
21 Aug – 1 Sep 2028	Houston	Classroom	10 days	\$9,900
2–6 Oct 2028	Online (live)	Online (live)	5 days	\$3,000
5–9 Feb 2029	Tunis	Classroom	5 days	\$5,500
26 Mar – 6 Apr 2029	Lagos	Classroom	10 days	\$9,900
14–18 May 2029	Nairobi	Classroom	5 days	\$5,500
11–22 Jun 2029	London	Classroom	10 days	\$9,900
27–31 Aug 2029	Online (live)	Online (live)	5 days	\$3,000
21–25 Jan 2030	London	Classroom	5 days	\$5,500
8–19 Apr 2030	Geneva	Classroom	10 days	\$9,900
26–30 May 2030	Manama	Classroom	5 days	\$5,500
9–20 Sep 2030	Athens	Classroom	10 days	\$9,900
30 Sep – 4 Oct 2030	Online (live)	Online (live)	5 days	\$3,000

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/gearboxes-and-power-transmission/>

WhatsApp: +971 50 697 0908

Email: training@qimmatrainig.com

