



Mechanical Drawings & GD&T: Practical Workshop

Mechanical & Rotating Equipment

QGT-MEC-170 | Practical workshop | 5 or 10 days | Online, classroom, in-house

Course overview

Mechanical Drawings & GD&T: Practical Workshop is a hands-on workshop built around exercises and real site problems in Mechanical Drawings & GD&T. 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 Mechanical Drawings & GD&T
- 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 Mechanical Drawings & GD&T 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
22–26 Mar 2027	Madrid	Classroom	5 days	\$5,500
5–16 Apr 2027	Rome	Classroom	10 days	\$9,900
12–16 Jul 2027	Bangkok	Classroom	5 days	\$5,500
18–29 Oct 2027	Cape Town	Classroom	10 days	\$9,900
1–5 Nov 2027	Online (live)	Online (live)	5 days	\$3,000
24–28 Jan 2028	Kigali	Classroom	5 days	\$5,500
5–16 Mar 2028	Jeddah	Classroom	10 days	\$9,900
7–11 Aug 2028	Rome	Classroom	5 days	\$5,500
24 Sep – 5 Oct 2028	Sharm El Sheikh	Classroom	10 days	\$9,900
16–20 Oct 2028	Online (live)	Online (live)	5 days	\$3,000
29 Jan – 2 Feb 2029	Stockholm	Classroom	5 days	\$5,500
11–22 Jun 2029	Brussels	Classroom	10 days	\$9,900
10–14 Sep 2029	Frankfurt	Classroom	5 days	\$5,500
8–19 Oct 2029	Dublin	Classroom	10 days	\$9,900
22–26 Oct 2029	Online (live)	Online (live)	5 days	\$3,000
18–22 Feb 2030	Paris	Classroom	5 days	\$5,500
4–15 Mar 2030	Copenhagen	Classroom	10 days	\$9,900
23–27 Jun 2030	Jeddah	Classroom	5 days	\$5,500
21 Jul – 1 Aug 2030	Dammam	Classroom	10 days	\$9,900
7–11 Oct 2030	Online (live)	Online (live)	5 days	\$3,000

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/mechanical-drawings-and-gdandt-practical-workshop/>

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