



Mechanical Drawings & GD&T

Mechanical & Rotating Equipment

QGT-MEC-120 | Foundation | 5 or 10 days | Online, classroom, in-house

Course overview

Mechanical Drawings & GD&T is an introduction that builds a solid working knowledge 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, 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 Mechanical Drawings & GD&T 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
25–29 Jan 2027	Kuala Lumpur	Classroom	5 days	\$5,500
8–19 Mar 2027	Baku	Classroom	10 days	\$9,900
10–14 May 2027	Copenhagen	Classroom	5 days	\$5,500
25 Oct – 5 Nov 2027	Vienna	Classroom	10 days	\$9,900
15–19 Nov 2027	Online (live)	Online (live)	5 days	\$3,000
9–13 Jan 2028	Cairo	Classroom	5 days	\$5,500
7–18 Feb 2028	Budapest	Classroom	10 days	\$9,900
4–8 Jun 2028	Salalah	Classroom	5 days	\$5,500
26 Jun – 7 Jul 2028	Sharjah	Classroom	10 days	\$9,900
24–28 Jul 2028	Online (live)	Online (live)	5 days	\$3,000
29 Apr – 3 May 2029	Algiers	Classroom	5 days	\$5,500
28 May – 8 Jun 2029	Copenhagen	Classroom	10 days	\$9,900
9–13 Jul 2029	Sharjah	Classroom	5 days	\$5,500
23 Jul – 3 Aug 2029	Singapore	Classroom	10 days	\$9,900
19–23 Nov 2029	Online (live)	Online (live)	5 days	\$3,000
1–5 Apr 2030	Berlin	Classroom	5 days	\$5,500
28 Apr – 9 May 2030	Amman	Classroom	10 days	\$9,900
3–7 Jun 2030	Paris	Classroom	5 days	\$5,500
17–28 Jun 2030	Istanbul	Classroom	10 days	\$9,900
18–22 Nov 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/>

WhatsApp: +971 50 697 0908

Email: training@qimmatrainig.com

