



Flange Joint Assembly & Bolting: Practical Workshop

Mechanical & Rotating Equipment

QGT-MEC-174 | Practical workshop | 5 or 10 days | Online, classroom, in-house

Course overview

Flange Joint Assembly & Bolting: Practical Workshop is a hands-on workshop built around exercises and real site problems in Flange Joint Assembly & Bolting. 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 Flange Joint Assembly & Bolting
- 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 Flange Joint Assembly & Bolting 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	Dublin	Classroom	5 days	\$5,500
23 May – 3 Jun 2027	Dammam	Classroom	10 days	\$9,900
23–27 Aug 2027	Edinburgh	Classroom	5 days	\$5,500
19–30 Sep 2027	Doha	Classroom	10 days	\$9,900
11–15 Oct 2027	Online (live)	Online (live)	5 days	\$3,000
10–14 Jan 2028	Nairobi	Classroom	5 days	\$5,500
22 May – 2 Jun 2028	Brussels	Classroom	10 days	\$9,900
16–20 Jul 2028	Algiers	Classroom	5 days	\$5,500
18–29 Sep 2028	Accra	Classroom	10 days	\$9,900
25–29 Sep 2028	Online (live)	Online (live)	5 days	\$3,000
22–26 Apr 2029	Kuwait City	Classroom	5 days	\$5,500
11–22 Jun 2029	Nairobi	Classroom	10 days	\$9,900
30 Sep – 4 Oct 2029	Sharm El Sheikh	Classroom	5 days	\$5,500
22 Oct – 2 Nov 2029	Istanbul	Classroom	10 days	\$9,900
12–16 Nov 2029	Online (live)	Online (live)	5 days	\$3,000
4–8 Mar 2030	Luanda	Classroom	5 days	\$5,500
8–19 Apr 2030	Munich	Classroom	10 days	\$9,900
29 Apr – 3 May 2030	Rome	Classroom	5 days	\$5,500
13–24 May 2030	Johannesburg	Classroom	10 days	\$9,900
1–5 Jul 2030	Online (live)	Online (live)	5 days	\$3,000

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/flange-joint-assembly-and-bolting-practical-workshop/>

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