



Hydraulic & Pneumatic Systems: Practical Workshop

Mechanical & Rotating Equipment

QGT-MEC-165 | Practical workshop | 5 or 10 days | Online, classroom, in-house

Course overview

Hydraulic & Pneumatic Systems: Practical Workshop is a hands-on workshop built around exercises and real site problems in Hydraulic & Pneumatic Systems. 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 Hydraulic & Pneumatic Systems
- 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 Hydraulic & Pneumatic Systems 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
25–29 Jan 2027	Sharjah	Classroom	5 days	\$5,500
28 Jun – 9 Jul 2027	Zurich	Classroom	10 days	\$9,900
5–9 Jul 2027	Johannesburg	Classroom	5 days	\$5,500
12–23 Jul 2027	Frankfurt	Classroom	10 days	\$9,900
29 Nov – 3 Dec 2027	Online (live)	Online (live)	5 days	\$3,000
14–18 Feb 2028	Tbilisi	Classroom	5 days	\$5,500
28 Feb – 10 Mar 2028	Prague	Classroom	10 days	\$9,900
19–23 Mar 2028	Salalah	Classroom	5 days	\$5,500
3–14 Apr 2028	London	Classroom	10 days	\$9,900
2–6 Oct 2028	Online (live)	Online (live)	5 days	\$3,000
15–19 Jan 2029	Lisbon	Classroom	5 days	\$5,500
22 Jan – 2 Feb 2029	Barcelona	Classroom	10 days	\$9,900
26–30 Mar 2029	Casablanca	Classroom	5 days	\$5,500
23 Apr – 4 May 2029	Milan	Classroom	10 days	\$9,900
6–10 Aug 2029	Online (live)	Online (live)	5 days	\$3,000
28 Jan – 1 Feb 2030	Johannesburg	Classroom	5 days	\$5,500
4–15 Feb 2030	Kuala Lumpur	Classroom	10 days	\$9,900
18–22 Feb 2030	Nairobi	Classroom	5 days	\$5,500
13–24 May 2030	Brussels	Classroom	10 days	\$9,900
3–7 Jun 2030	Online (live)	Online (live)	5 days	\$3,000

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/hydraulic-and-pneumatic-systems-practical-workshop/>

WhatsApp: +971 50 697 0908

Email: training@qimmatrainig.com

