



Hydraulic & Pneumatic Systems Masterclass

Mechanical & Rotating Equipment

QGT-MEC-190 | Masterclass | 5 or 10 days | Online, classroom, in-house

Course overview

Hydraulic & Pneumatic Systems Masterclass is a senior-level masterclass on strategy and performance 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
- Build a business case and roadmap their leadership team can act on

Who should attend

Designed for mechanical engineers, technicians, supervisors and maintenance staff in senior and leadership roles.

Course outline (5 days)

Day 1: Strategic view of Hydraulic & Pneumatic Systems

Trends, regulation and what leading companies do differently

Day 2: Benchmarking and performance

KPIs, maturity models and gap analysis

Day 3: Lessons from major incidents and projects

Decision points that changed outcomes

Day 4: Leading the change

Building the business case, budget and team capability

Day 5: Masterclass forum

Expert panel, peer exchange and personal roadmap

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
8–12 Feb 2027	Marrakech	Classroom	5 days	\$5,500
9–20 May 2027	Dammam	Classroom	10 days	\$9,900
4–8 Jul 2027	Algiers	Classroom	5 days	\$5,500
11–22 Jul 2027	Jeddah	Classroom	10 days	\$9,900
27 Sep – 1 Oct 2027	Online (live)	Online (live)	5 days	\$3,000
20–24 Mar 2028	Cape Town	Classroom	5 days	\$5,500
8–19 May 2028	Milan	Classroom	10 days	\$9,900
21–25 May 2028	Amman	Classroom	5 days	\$5,500
5–16 Jun 2028	Athens	Classroom	10 days	\$9,900
18–22 Sep 2028	Online (live)	Online (live)	5 days	\$3,000
26 Feb – 2 Mar 2029	Tunis	Classroom	5 days	\$5,500
23 Apr – 4 May 2029	Houston	Classroom	10 days	\$9,900
14–18 May 2029	Cape Town	Classroom	5 days	\$5,500
8–19 Jul 2029	Riyadh	Classroom	10 days	\$9,900
16–20 Jul 2029	Online (live)	Online (live)	5 days	\$3,000
18–22 Feb 2030	Milan	Classroom	5 days	\$5,500
12–23 May 2030	Jeddah	Classroom	10 days	\$9,900
30 Jun – 4 Jul 2030	Muscat	Classroom	5 days	\$5,500
19–30 Aug 2030	Bangkok	Classroom	10 days	\$9,900
21–25 Oct 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-masterclass/>

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