



Alarm Management (ISA 18.2): Advanced Level

Instrumentation, Control & Automation

QGT-INS-135 | Advanced | 5 or 10 days | Online, classroom, in-house

Course overview

Alarm Management (ISA 18.2): Advanced Level is an advanced programme for experienced practitioners in Alarm Management (ISA 18.2). It covers the principles, the requirements of ISA, IEC 61511, IEC 61508 and IEC 62443, 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 Alarm Management (ISA 18.2)
- Apply the relevant requirements of ISA, IEC 61511, IEC 61508 and IEC 62443
- Apply advanced analysis methods to real operating data
- 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 instrument and control engineers, technicians and control room staff with at least three years of experience.

Course outline (5 days)

Day 1: Core principles revisited

Fast review and recent changes in ISA, IEC 61511, IEC 61508 and IEC 62443

Day 2: Advanced analysis methods

Detailed techniques, data interpretation and calculations

Day 3: Design and performance optimisation

Improving reliability, efficiency and cost

Day 4: Troubleshooting complex cases

Diagnosing multi-cause problems from field data

Day 5: Risk, decisions and integration

Building a risk-based plan and presenting recommendations

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
18–29 Apr 2027	Algiers	Classroom	10 days	\$9,900
3–7 May 2027	Milan	Classroom	5 days	\$5,500
6–17 Jun 2027	Amman	Classroom	10 days	\$9,900
26–30 Jul 2027	Kuala Lumpur	Classroom	5 days	\$5,500
30 Aug – 10 Sep 2027	Online (live)	Online (live)	10 days	\$5,500
6–17 Mar 2028	Rome	Classroom	10 days	\$9,900
19–23 Mar 2028	Dammam	Classroom	5 days	\$5,500
2–13 Apr 2028	Erbil	Classroom	10 days	\$9,900
29 May – 2 Jun 2028	Madrid	Classroom	5 days	\$5,500
27 Nov – 8 Dec 2028	Online (live)	Online (live)	10 days	\$5,500
5–16 Feb 2029	Baku	Classroom	10 days	\$9,900
23–27 Apr 2029	Rome	Classroom	5 days	\$5,500
8–19 Jul 2029	Doha	Classroom	10 days	\$9,900
24–28 Sep 2029	Kigali	Classroom	5 days	\$5,500
22 Oct – 2 Nov 2029	Online (live)	Online (live)	10 days	\$5,500
17–28 Feb 2030	Erbil	Classroom	10 days	\$9,900
10–14 Mar 2030	Jeddah	Classroom	5 days	\$5,500
1–12 Apr 2030	Istanbul	Classroom	10 days	\$9,900
8–12 Apr 2030	London	Classroom	5 days	\$5,500
29 Jul – 9 Aug 2030	Online (live)	Online (live)	10 days	\$5,500

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/alarm-management-isa-18-2-advanced-level/>

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