



Safety Instrumented Systems (SIS): Practical Workshop

Instrumentation, Control & Automation

QGT-INS-149 | Practical workshop | 5 or 10 days | Online, classroom, in-house

Course overview

Safety Instrumented Systems (SIS): Practical Workshop is a hands-on workshop built around exercises and real site problems in Safety Instrumented Systems (SIS). 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 Safety Instrumented Systems (SIS)
- Apply the relevant requirements of ISA, IEC 61511, IEC 61508 and IEC 62443
- 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 instrument and control engineers, technicians and control room 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 Safety Instrumented Systems (SIS) 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
10–14 Jan 2027	Manama	Classroom	5 days	\$5,500
8–19 Mar 2027	London	Classroom	10 days	\$9,900
3–7 May 2027	Luanda	Classroom	5 days	\$5,500
23 May – 3 Jun 2027	Dammam	Classroom	10 days	\$9,900
14–18 Jun 2027	Online (live)	Online (live)	5 days	\$3,000
7–11 Feb 2028	Barcelona	Classroom	5 days	\$5,500
12–23 Jun 2028	Dublin	Classroom	10 days	\$9,900
10–14 Jul 2028	Brussels	Classroom	5 days	\$5,500
16–27 Oct 2028	Madrid	Classroom	10 days	\$9,900
30 Oct – 3 Nov 2028	Online (live)	Online (live)	5 days	\$3,000
18–22 Mar 2029	Cairo	Classroom	5 days	\$5,500
15–26 Apr 2029	Dammam	Classroom	10 days	\$9,900
27–31 Aug 2029	Brussels	Classroom	5 days	\$5,500
3–14 Sep 2029	Prague	Classroom	10 days	\$9,900
17–21 Sep 2029	Online (live)	Online (live)	5 days	\$3,000
29 Apr – 3 May 2030	Barcelona	Classroom	5 days	\$5,500
1–12 Jul 2030	Luanda	Classroom	10 days	\$9,900
8–12 Jul 2030	Kuala Lumpur	Classroom	5 days	\$5,500
2–13 Sep 2030	Madrid	Classroom	10 days	\$9,900
30 Sep – 4 Oct 2030	Online (live)	Online (live)	5 days	\$3,000

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/safety-instrumented-systems-sis-practical-workshop/>

WhatsApp: +971 50 697 0908

Email: training@qimmatrainig.com

