

QUALITY & OPERATIONAL EXCELLENCE | COURSE BROCHURE

Calibration Management

5 days | Classroom training | English

SMART HORIZON

info@smart-horizon.eu
Amsterdam
The Netherlands

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Course content

Why attend

Measuring equipment must be calibrated to ensure reliable results. This course covers calibration management: measurement traceability, calibration intervals, procedures and records, uncertainty basics, out-of-tolerance investigations, calibration suppliers, software tools and audit requirements.

Uncalibrated equipment undermines product quality and compliance. You will learn to run an effective calibration programme.

Professional Problems This Course Is Designed to Solve

• Difficulty translating subject knowledge into practical workplace decisions.
• Inconsistent approaches to the activities covered in the course outline.
• Lack of a structured plan for applying and reviewing new skills.

Course methodology

Calibration programme design exercises, interval setting, out-of-tolerance case studies and record reviews.

Course objectives

By the end of this course, participants will be able to:
• Explain calibration and measurement traceability
• Build an equipment register
• Set and adjust calibration intervals
• Manage calibration procedures and records
• Investigate out-of-tolerance results
• Manage calibration suppliers and audits

Target audience

This course is suitable for:
• Calibration and metrology technicians
• Quality engineers
• Laboratory staff
• Maintenance staff
• Quality auditors



Course content

Target competencies

Participants will develop competencies in:

- Traceability
- Interval setting
- Record management
- Investigation
- Supplier management

Course outline

Day 1: Calibration Basics

09:00–10:08	Purpose
10:08–11:00	Traceability
11:00–11:30	**Coffee break**
11:30–11:45	Traceability (continued)
11:45–12:53	Standards
12:53–14:00	Exercise

Day 2: Equipment Register

09:00–10:08	Identification
10:08–11:00	Classification
11:00–11:30	**Coffee break**
11:30–11:45	Classification (continued)
11:45–12:53	Status labelling
12:53–14:00	Workshop

Day 3: Intervals and Procedures

09:00–10:08	Interval setting
10:08–11:00	Procedures
11:00–11:30	**Coffee break**



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11:30–11:45	Procedures (continued)
11:45–12:53	Uncertainty basics
12:53–14:00	Exercise

Day 4: Out-of-Tolerance

09:00–10:08	Investigations
10:08–11:00	Product impact
11:00–11:30	**Coffee break**
11:30–11:45	Product impact (continued)
11:45–12:53	Corrective action
12:53–14:00	Case study

Day 5: Suppliers and Audits

09:00–10:08	Calibration certificates
10:08–11:00	Supplier selection
11:00–11:30	**Coffee break**
11:30–11:45	Supplier selection (continued)
11:45–12:53	Audit readiness
12:53–14:00	Action plan

The timings provided are estimates and may vary depending on the number of participants and the discussions taking place during the sessions. They are indicative only and do not constitute a binding commitment.



Course content

Dates, venues and fees

Current published course plans. Fees are per participant in EUR, excluding unconfirmed taxes.

Venue	Start date	End date	Fee (EUR)
Rome Confirmed dates	23 Nov 2026	27 Nov 2026	**€2,450.-**
Online Confirmed dates	23 Nov 2026	27 Nov 2026	**€1,250.-**
Cape Town Confirmed dates	14 Dec 2026	18 Dec 2026	**€1,890.-**
Online Confirmed dates	14 Dec 2026	18 Dec 2026	**€1,250.-**
London Confirmed dates	11 Jan 2027	15 Jan 2027	**€2,450.-**
Online Confirmed dates	11 Jan 2027	15 Jan 2027	**€1,250.-**
Amsterdam Confirmed dates	1 Feb 2027	5 Feb 2027	**€2,540.-**
Online Confirmed dates	1 Feb 2027	5 Feb 2027	**€1,250.-**
Cape Town Confirmed dates	22 Feb 2027	26 Feb 2027	**€1,890.-**



Course content

Dates, venues and fees (continued)

Venue	Start date	End date	Fee (EUR)
Online Confirmed dates	22 Feb 2027	26 Feb 2027	**€1,250.–**
Rome Confirmed dates	15 Mar 2027	19 Mar 2027	**€2,450.–**
Online Confirmed dates	15 Mar 2027	19 Mar 2027	**€1,250.–**
Barcelona Confirmed dates	5 Apr 2027	9 Apr 2027	**€2,840.–**
Online Confirmed dates	5 Apr 2027	9 Apr 2027	**€1,250.–**
Dubai Confirmed dates	19 Apr 2027	23 Apr 2027	**€3,150.–**
Online Confirmed dates	19 Apr 2027	23 Apr 2027	**€1,250.–**
Barcelona Confirmed dates	10 May 2027	14 May 2027	**€2,840.–**
Online Confirmed dates	10 May 2027	14 May 2027	**€1,250.–**



Course content

Dates, venues and fees (continued)

Venue	Start date	End date	Fee (EUR)
London Confirmed dates	31 May 2027	4 Jun 2027	**€2,450.–**
Online Confirmed dates	31 May 2027	4 Jun 2027	**€1,250.–**
Paris Confirmed dates	21 Jun 2027	25 Jun 2027	**€2,860.–**
Online Confirmed dates	21 Jun 2027	25 Jun 2027	**€1,250.–**
Rome Confirmed dates	12 Jul 2027	16 Jul 2027	**€2,450.–**
Online Confirmed dates	12 Jul 2027	16 Jul 2027	**€1,250.–**
Cape Town Confirmed dates	26 Jul 2027	30 Jul 2027	**€1,890.–**
Online Confirmed dates	26 Jul 2027	30 Jul 2027	**€1,250.–**
Vienna Confirmed dates	16 Aug 2027	20 Aug 2027	**€2,940.–**



Course content

Dates, venues and fees (continued)

Venue	Start date	End date	Fee (EUR)
Online Confirmed dates	16 Aug 2027	20 Aug 2027	**€1,250.-**
Istanbul Confirmed dates	6 Sept 2027	10 Sept 2027	**€2,650.-**
Online Confirmed dates	6 Sept 2027	10 Sept 2027	**€1,250.-**
Kuala Lumpur Confirmed dates	27 Sept 2027	1 Oct 2027	**€1,450.-**
Online Confirmed dates	27 Sept 2027	1 Oct 2027	**€1,250.-**
Dubai Confirmed dates	18 Oct 2027	22 Oct 2027	**€3,150.-**
Online Confirmed dates	18 Oct 2027	22 Oct 2027	**€1,250.-**
Vienna Confirmed dates	1 Nov 2027	5 Nov 2027	**€2,940.-**
Online Confirmed dates	1 Nov 2027	5 Nov 2027	**€1,250.-**



Course content

Dates, venues and fees (continued)

Venue	Start date	End date	Fee (EUR)
Frankfurt Confirmed dates	22 Nov 2027	26 Nov 2027	**€2,650.-**
Online Confirmed dates	22 Nov 2027	26 Nov 2027	**€1,250.-**
Dubai Confirmed dates	13 Dec 2027	17 Dec 2027	**€3,150.-**
Online Confirmed dates	13 Dec 2027	17 Dec 2027	**€1,250.-**

Plan your next step

Dates, availability, exact venue, taxes, inclusions and payment terms require written confirmation. This brochure is not a quotation, registration, booking confirmation or visa invitation. Participants receive a Smart Horizon certificate of attendance; programmes are not externally accredited and do not award a professional qualification or designation. Confirm arrangements before booking travel.

For group or in-house training, contact our learning team to discuss your objectives and delivery arrangements.

Contact Smart Horizon

info@smart-horizon.eu
Amsterdam
The Netherlands

View the latest course details online