

QUALITY & OPERATIONAL EXCELLENCE | COURSE BROCHURE

Inspection and Testing Planning

5 days | Classroom training | English

SMART HORIZON

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Course content

Why attend

Inspection and testing verify that products and services meet requirements, but must be planned to be effective and economical. This course covers inspection planning: identifying characteristics, inspection points, sampling plans, test methods, acceptance criteria, inspection records, reducing inspection through process control and inspector competence.

Too much inspection is costly; too little lets defects through. You will learn to plan inspection proportionately.

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

Inspection plan development, sampling plan exercises, case studies and records design.

Course objectives

By the end of this course, participants will be able to:
• Identify critical characteristics to inspect
• Determine inspection points in the process
• Select sampling plans
• Define test methods and acceptance criteria
• Design inspection records
• Reduce inspection through process control

Target audience

This course is suitable for:
• Quality inspectors and engineers
• Production supervisors
• Supplier quality engineers
• Laboratory staff
• Quality managers



Course content

Target competencies

Participants will develop competencies in:

- Characteristic selection
- Inspection planning
- Sampling
- Acceptance criteria
- Record design

Course outline

Day 1: Inspection Purpose

09:00–10:08	Role of inspection
10:08–11:00	Costs and limits
11:00–11:30	**Coffee break**
11:30–11:45	Costs and limits (continued)
11:45–12:53	Types
12:53–14:00	Exercise

Day 2: Planning

09:00–10:08	Critical characteristics
10:08–11:00	Inspection points
11:00–11:30	**Coffee break**
11:30–11:45	Inspection points (continued)
11:45–12:53	Inspection plans
12:53–14:00	Workshop

Day 3: Sampling

09:00–10:08	Sampling plans
10:08–11:00	AQL
11:00–11:30	**Coffee break**



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11:30–11:45	AQL (continued)
11:45–12:53	Risks
12:53–14:00	Exercise

Day 4: Methods and Criteria

09:00–10:08	Test methods
10:08–11:00	Acceptance criteria
11:00–11:30	**Coffee break**
11:30–11:45	Acceptance criteria (continued)
11:45–12:53	Inspector competence
12:53–14:00	Case study

Day 5: Records and Reduction

09:00–10:08	Inspection records
10:08–11:00	Process control
11:00–11:30	**Coffee break**
11:30–11:45	Process control (continued)
11:45–12:53	Reducing inspection
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 GBP, excluding unconfirmed taxes.

Venue	Start date	End date	Fee (GBP)
Cape Town Confirmed dates	16 Nov 2026	20 Nov 2026	**£1,890.–**
Online Confirmed dates	16 Nov 2026	20 Nov 2026	**£1,250.–**
Rome Confirmed dates	7 Dec 2026	11 Dec 2026	**£2,450.–**
Online Confirmed dates	7 Dec 2026	11 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.–**
Barcelona Confirmed dates	1 Feb 2027	5 Feb 2027	**£2,840.–**
Online Confirmed dates	1 Feb 2027	5 Feb 2027	**£1,250.–**
Rome Confirmed dates	15 Feb 2027	19 Feb 2027	**£2,450.–**



Course content

Dates, venues and fees (continued)

Venue	Start date	End date	Fee (GBP)
Online Confirmed dates	15 Feb 2027	19 Feb 2027	**£1,250.–**
London Confirmed dates	8 Mar 2027	12 Mar 2027	**£2,450.–**
Online Confirmed dates	8 Mar 2027	12 Mar 2027	**£1,250.–**
Cape Town Confirmed dates	29 Mar 2027	2 Apr 2027	**£1,890.–**
Online Confirmed dates	29 Mar 2027	2 Apr 2027	**£1,250.–**
Kuala Lumpur Confirmed dates	19 Apr 2027	23 Apr 2027	**£1,450.–**
Online Confirmed dates	19 Apr 2027	23 Apr 2027	**£1,250.–**
Istanbul Confirmed dates	10 May 2027	14 May 2027	**£2,650.–**
Online Confirmed dates	10 May 2027	14 May 2027	**£1,250.–**



Course content

Dates, venues and fees (continued)

Venue	Start date	End date	Fee (GBP)
Frankfurt Confirmed dates	24 May 2027	28 May 2027	**£2,650.-**
Online Confirmed dates	24 May 2027	28 May 2027	**£1,250.-**
Paris Confirmed dates	14 Jun 2027	18 Jun 2027	**£2,860.-**
Online Confirmed dates	14 Jun 2027	18 Jun 2027	**£1,250.-**
Rome Confirmed dates	5 Jul 2027	9 Jul 2027	**£2,450.-**
Online Confirmed dates	5 Jul 2027	9 Jul 2027	**£1,250.-**
Dubai Confirmed dates	26 Jul 2027	30 Jul 2027	**£3,150.-**
Online Confirmed dates	26 Jul 2027	30 Jul 2027	**£1,250.-**
Cape Town Confirmed dates	16 Aug 2027	20 Aug 2027	**£1,890.-**



Course content

Dates, venues and fees (continued)

Venue	Start date	End date	Fee (GBP)
Online Confirmed dates	16 Aug 2027	20 Aug 2027	**£1,250.-**
Amsterdam Confirmed dates	30 Aug 2027	3 Sept 2027	**£2,540.-**
Online Confirmed dates	30 Aug 2027	3 Sept 2027	**£1,250.-**
Dubai Confirmed dates	20 Sept 2027	24 Sept 2027	**£3,150.-**
Online Confirmed dates	20 Sept 2027	24 Sept 2027	**£1,250.-**
Vienna Confirmed dates	11 Oct 2027	15 Oct 2027	**£2,940.-**
Online Confirmed dates	11 Oct 2027	15 Oct 2027	**£1,250.-**
Dubai Confirmed dates	1 Nov 2027	5 Nov 2027	**£3,150.-**
Online Confirmed dates	1 Nov 2027	5 Nov 2027	**£1,250.-**



Course content

Dates, venues and fees (continued)

Venue	Start date	End date	Fee (GBP)
Barcelona Confirmed dates	22 Nov 2027	26 Nov 2027	**£2,840.-**
Online Confirmed dates	22 Nov 2027	26 Nov 2027	**£1,250.-**
Vienna Confirmed dates	6 Dec 2027	10 Dec 2027	**£2,940.-**
Online Confirmed dates	6 Dec 2027	10 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 UK 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

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View the latest course details online