

OPERATIONS & SUPPLY CHAIN | COURSE BROCHURE

Materials Management and MRO Spares

5 days | Classroom training | English

SMART HORIZON

info@smart-horizon.eu
Amsterdam
The Netherlands

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Course content

Why attend

Maintenance, repair and operations materials are vital to keep plants running, yet they are often poorly managed. This course covers MRO materials management: cataloguing and data standards, criticality analysis, stocking decisions, storeroom operations, repairables, obsolescence and collaboration between maintenance and supply.

Missing spares cause downtime, while excess spares tie up cash. You will learn to manage MRO materials scientifically.

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

Criticality analysis exercises, catalogue cleansing practice, storeroom case studies and policy workshops.

Course objectives

By the end of this course, participants will be able to:
• Explain MRO materials management challenges
• Create consistent catalogue and data standards
• Assess spare part criticality
• Set stocking policies for spares
• Run efficient storerooms
• Manage repairables and obsolescence

Target audience

This course is suitable for:
• Materials and stores managers
• Maintenance planners
• Reliability engineers
• Procurement staff for MRO
• Inventory controllers



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Target competencies

Participants will develop competencies in:

- Catalogue management
- Criticality analysis
- Stocking policies
- Storeroom operations
- Cross-functional collaboration

Course outline

Day 1: MRO Fundamentals

09:00–10:08	Characteristics of MRO
10:08–11:00	Costs and risks
11:00–11:30	**Coffee break**
11:30–11:45	Costs and risks (continued)
11:45–12:53	KPIs
12:53–14:00	Exercise

Day 2: Catalogue and Data

09:00–10:08	Naming standards
10:08–11:00	Duplicate removal
11:00–11:30	**Coffee break**
11:30–11:45	Duplicate removal (continued)
11:45–12:53	Bills of materials
12:53–14:00	Workshop

Day 3: Criticality and Stocking

09:00–10:08	Criticality ranking
10:08–11:00	Stocking decisions
11:00–11:30	**Coffee break**



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11:30–11:45	Stocking decisions (continued)
11:45–12:53	Insurance spares
12:53–14:00	Exercise

Day 4: Storerooms

09:00–10:08	Layout and control
10:08–11:00	Issue and return
11:00–11:30	**Coffee break**
11:30–11:45	Issue and return (continued)
11:45–12:53	Preservation
12:53–14:00	Case study

Day 5: Repairables and Obsolescence

09:00–10:08	Repair loops
10:08–11:00	Obsolescence management
11:00–11:30	**Coffee break**
11:30–11:45	Obsolescence management (continued)
11:45–12:53	Collaboration
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)
Barcelona Confirmed dates	9 Nov 2026	13 Nov 2026	**€2,840.–**
Online Confirmed dates	9 Nov 2026	13 Nov 2026	**€1,250.–**
Istanbul Confirmed dates	23 Nov 2026	27 Nov 2026	**€2,650.–**
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.–**
Dubai Confirmed dates	18 Jan 2027	22 Jan 2027	**€3,150.–**
Online Confirmed dates	18 Jan 2027	22 Jan 2027	**€1,250.–**
Amsterdam Confirmed dates	8 Feb 2027	12 Feb 2027	**€2,540.–**



Course content

Dates, venues and fees (continued)

Venue	Start date	End date	Fee (EUR)
Online Confirmed dates	8 Feb 2027	12 Feb 2027	**€1,250.–**
Rome Confirmed dates	1 Mar 2027	5 Mar 2027	**€2,450.–**
Online Confirmed dates	1 Mar 2027	5 Mar 2027	**€1,250.–**
Dubai Confirmed dates	15 Mar 2027	19 Mar 2027	**€3,150.–**
Online Confirmed dates	15 Mar 2027	19 Mar 2027	**€1,250.–**
Rome Confirmed dates	5 Apr 2027	9 Apr 2027	**€2,450.–**
Online Confirmed dates	5 Apr 2027	9 Apr 2027	**€1,250.–**
Barcelona Confirmed dates	26 Apr 2027	30 Apr 2027	**€2,840.–**
Online Confirmed dates	26 Apr 2027	30 Apr 2027	**€1,250.–**



Course content

Dates, venues and fees (continued)

Venue	Start date	End date	Fee (EUR)
London Confirmed dates	17 May 2027	21 May 2027	**€2,450.-**
Online Confirmed dates	17 May 2027	21 May 2027	**€1,250.-**
Vienna Confirmed dates	7 Jun 2027	11 Jun 2027	**€2,940.-**
Online Confirmed dates	7 Jun 2027	11 Jun 2027	**€1,250.-**
Rome Confirmed dates	21 Jun 2027	25 Jun 2027	**€2,450.-**
Online Confirmed dates	21 Jun 2027	25 Jun 2027	**€1,250.-**
Kuala Lumpur Confirmed dates	12 Jul 2027	16 Jul 2027	**€1,450.-**
Online Confirmed dates	12 Jul 2027	16 Jul 2027	**€1,250.-**
London Confirmed dates	2 Aug 2027	6 Aug 2027	**€2,450.-**



Course content

Dates, venues and fees (continued)

Venue	Start date	End date	Fee (EUR)
Online Confirmed dates	2 Aug 2027	6 Aug 2027	**€1,250.-**
Dubai Confirmed dates	23 Aug 2027	27 Aug 2027	**€3,150.-**
Online Confirmed dates	23 Aug 2027	27 Aug 2027	**€1,250.-**
Cape Town Confirmed dates	13 Sept 2027	17 Sept 2027	**€1,890.-**
Online Confirmed dates	13 Sept 2027	17 Sept 2027	**€1,250.-**
Frankfurt Confirmed dates	27 Sept 2027	1 Oct 2027	**€2,650.-**
Online Confirmed dates	27 Sept 2027	1 Oct 2027	**€1,250.-**
Paris Confirmed dates	18 Oct 2027	22 Oct 2027	**€2,860.-**
Online Confirmed dates	18 Oct 2027	22 Oct 2027	**€1,250.-**



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Dates, venues and fees (continued)

Venue	Start date	End date	Fee (EUR)
Cape Town Confirmed dates	8 Nov 2027	12 Nov 2027	**€1,890.-**
Online Confirmed dates	8 Nov 2027	12 Nov 2027	**€1,250.-**
Vienna Confirmed dates	29 Nov 2027	3 Dec 2027	**€2,940.-**
Online Confirmed dates	29 Nov 2027	3 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

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