

MAINTENANCE AND ENGINEERING | COURSE BROCHURE

Fleet and Mobile Equipment Maintenance

5 days | Classroom training | English

SMART HORIZON

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Amsterdam
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Course content

Why attend

Mining, construction, ports and logistics depend on mobile equipment such as trucks, loaders, cranes and forklifts. This course covers maintenance of heavy mobile equipment: maintenance strategies, inspections, component life management, oil analysis, tyres, workshops, availability improvement and cost per hour control.

Mobile equipment downtime directly stops production. You will learn maintenance practices that maximise availability.

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

Case studies from mining and construction, component life exercises, oil analysis interpretation and planning workshops.

Course objectives

By the end of this course, participants will be able to:
• Plan maintenance strategies for mobile equipment
• Conduct effective inspections
• Manage component life and rebuilds
• Use oil analysis and condition data
• Manage tyres and wear parts
• Improve availability and control cost per hour

Target audience

This course is suitable for:
• Mobile equipment maintenance managers
• Workshop supervisors
• Maintenance planners
• Reliability engineers
• Fleet managers in heavy industry



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Target competencies

Participants will develop competencies in:

- Maintenance strategy
- Inspection
- Component management
- Condition monitoring
- Cost control

Course outline

Day 1: Mobile Equipment

09:00–10:08	Equipment types
10:08–11:00	Duty cycles
11:00–11:30	**Coffee break**
11:30–11:45	Duty cycles (continued)
11:45–12:53	Maintenance challenges
12:53–14:00	Exercise

Day 2: Strategies and Inspections

09:00–10:08	Preventive maintenance
10:08–11:00	Inspections
11:00–11:30	**Coffee break**
11:30–11:45	Inspections (continued)
11:45–12:53	Daily checks
12:53–14:00	Workshop

Day 3: Components

09:00–10:08	Component life tracking
10:08–11:00	Rebuilds and exchanges
11:00–11:30	**Coffee break**



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11:30–11:45	Rebuilds and exchanges (continued)
11:45–12:53	Warranty
12:53–14:00	Exercise

Day 4: Condition and Tyres

09:00–10:08	Oil analysis
10:08–11:00	Tyre management
11:00–11:30	**Coffee break**
11:30–11:45	Tyre management (continued)
11:45–12:53	Wear parts
12:53–14:00	Case study

Day 5: Availability and Cost

09:00–10:08	Availability metrics
10:08–11:00	Cost per hour
11:00–11:30	**Coffee break**
11:30–11:45	Cost per hour (continued)
11:45–12:53	Improvement
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)
Kuala Lumpur Confirmed dates	9 Nov 2026	13 Nov 2026	**€2,900.–**
Online Confirmed dates	9 Nov 2026	13 Nov 2026	**€1,250.–**
Vienna Confirmed dates	30 Nov 2026	4 Dec 2026	**€5,880.–**
Online Confirmed dates	30 Nov 2026	4 Dec 2026	**€1,250.–**
Dubai Confirmed dates	4 Jan 2027	8 Jan 2027	**€6,300.–**
Online Confirmed dates	4 Jan 2027	8 Jan 2027	**€1,250.–**
Cape Town Confirmed dates	25 Jan 2027	29 Jan 2027	**€3,780.–**
Online Confirmed dates	25 Jan 2027	29 Jan 2027	**€1,250.–**
London Confirmed dates	15 Feb 2027	19 Feb 2027	**€4,900.–**



Course content

Dates, venues and fees (continued)

Venue	Start date	End date	Fee (EUR)
Online Confirmed dates	15 Feb 2027	19 Feb 2027	**€1,250.–**
Frankfurt Confirmed dates	1 Mar 2027	5 Mar 2027	**€5,300.–**
Online Confirmed dates	1 Mar 2027	5 Mar 2027	**€1,250.–**
Rome Confirmed dates	22 Mar 2027	26 Mar 2027	**€4,900.–**
Online Confirmed dates	22 Mar 2027	26 Mar 2027	**€1,250.–**
Barcelona Confirmed dates	12 Apr 2027	16 Apr 2027	**€5,680.–**
Online Confirmed dates	12 Apr 2027	16 Apr 2027	**€1,250.–**
Paris Confirmed dates	3 May 2027	7 May 2027	**€5,720.–**
Online Confirmed dates	3 May 2027	7 May 2027	**€1,250.–**



Course content

Dates, venues and fees (continued)

Venue	Start date	End date	Fee (EUR)
Dubai Confirmed dates	24 May 2027	28 May 2027	**€6,300.-**
Online Confirmed dates	24 May 2027	28 May 2027	**€1,250.-**
Cape Town Confirmed dates	7 Jun 2027	11 Jun 2027	**€3,780.-**
Online Confirmed dates	7 Jun 2027	11 Jun 2027	**€1,250.-**
London Confirmed dates	28 Jun 2027	2 Jul 2027	**€4,900.-**
Online Confirmed dates	28 Jun 2027	2 Jul 2027	**€1,250.-**
Istanbul Confirmed dates	19 Jul 2027	23 Jul 2027	**€5,300.-**
Online Confirmed dates	19 Jul 2027	23 Jul 2027	**€1,250.-**
Rome Confirmed dates	9 Aug 2027	13 Aug 2027	**€4,900.-**



Course content

Dates, venues and fees (continued)

Venue	Start date	End date	Fee (EUR)
Online Confirmed dates	9 Aug 2027	13 Aug 2027	**€1,250.-**
Dubai Confirmed dates	30 Aug 2027	3 Sept 2027	**€6,300.-**
Online Confirmed dates	30 Aug 2027	3 Sept 2027	**€1,250.-**
Cape Town Confirmed dates	13 Sept 2027	17 Sept 2027	**€3,780.-**
Online Confirmed dates	13 Sept 2027	17 Sept 2027	**€1,250.-**
Barcelona Confirmed dates	4 Oct 2027	8 Oct 2027	**€5,680.-**
Online Confirmed dates	4 Oct 2027	8 Oct 2027	**€1,250.-**
Amsterdam Confirmed dates	25 Oct 2027	29 Oct 2027	**€5,080.-**
Online Confirmed dates	25 Oct 2027	29 Oct 2027	**€1,250.-**



Course content

Dates, venues and fees (continued)

Venue	Start date	End date	Fee (EUR)
Vienna Confirmed dates	15 Nov 2027	19 Nov 2027	**€5,880.-**
Online Confirmed dates	15 Nov 2027	19 Nov 2027	**€1,250.-**
Rome Confirmed dates	6 Dec 2027	10 Dec 2027	**€4,900.-**
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 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