

QUALITY & OPERATIONAL EXCELLENCE | COURSE BROCHURE

Overall Equipment Effectiveness Improvement

5 days | Classroom training | English

SMART HORIZON

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Course content

Why attend

Overall Equipment Effectiveness shows how much productive capacity is lost through downtime, slow running and defects. This course covers OEE calculation, data collection, loss categories, analysing the six big losses, improvement methods such as SMED and autonomous maintenance, visual OEE boards and sustaining gains.

Most plants have hidden capacity locked in losses. You will learn to measure OEE correctly and unlock that capacity.

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

OEE calculations with real data, loss analysis workshops, SMED simulation and case studies.

Course objectives

By the end of this course, participants will be able to:

- Calculate OEE and its components
- Collect accurate OEE data
- Analyse the six big losses
- Apply improvement methods to major losses
- Display OEE visually for teams
- Sustain OEE improvements

Target audience

This course is suitable for:

- Production and operations managers
- Maintenance managers
- Process engineers
- Continuous improvement staff
- Shift supervisors



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Target competencies

Participants will develop competencies in:

- OEE calculation
- Data collection
- Loss analysis
- Improvement methods
- Visual management

Course outline

Day 1: OEE Fundamentals

09:00–10:08	Availability, performance, quality
10:08–11:00	Calculation
11:00–11:30	**Coffee break**
11:30–11:45	Calculation (continued)
11:45–12:53	Common mistakes
12:53–14:00	Exercise

Day 2: Data Collection

09:00–10:08	Manual and automatic data
10:08–11:00	Downtime codes
11:00–11:30	**Coffee break**
11:30–11:45	Downtime codes (continued)
11:45–12:53	Accuracy
12:53–14:00	Workshop

Day 3: Loss Analysis

09:00–10:08	Six big losses
10:08–11:00	Pareto of losses
11:00–11:30	**Coffee break**



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11:30–11:45	Pareto of losses (continued)
11:45–12:53	Priorities
12:53–14:00	Exercise

Day 4: Improvement

09:00–10:08	SMED
10:08–11:00	Autonomous maintenance
11:00–11:30	**Coffee break**
11:30–11:45	Autonomous maintenance (continued)
11:45–12:53	Speed and quality losses
12:53–14:00	Simulation

Day 5: Sustaining

09:00–10:08	OEE boards
10:08–11:00	Daily reviews
11:00–11:30	**Coffee break**
11:30–11:45	Daily reviews (continued)
11:45–12:53	Targets
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)
Paris Confirmed dates	9 Nov 2026	13 Nov 2026	**£2,860.–**
Online Confirmed dates	9 Nov 2026	13 Nov 2026	**£1,250.–**
Rome Confirmed dates	30 Nov 2026	4 Dec 2026	**£2,450.–**
Online Confirmed dates	30 Nov 2026	4 Dec 2026	**£1,250.–**
Dubai Confirmed dates	4 Jan 2027	8 Jan 2027	**£3,150.–**
Online Confirmed dates	4 Jan 2027	8 Jan 2027	**£1,250.–**
Vienna Confirmed dates	18 Jan 2027	22 Jan 2027	**£2,940.–**
Online Confirmed dates	18 Jan 2027	22 Jan 2027	**£1,250.–**
Dubai Confirmed dates	8 Feb 2027	12 Feb 2027	**£3,150.–**



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Dates, venues and fees (continued)

Venue	Start date	End date	Fee (GBP)
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.–**
Frankfurt Confirmed dates	22 Mar 2027	26 Mar 2027	**£2,650.–**
Online Confirmed dates	22 Mar 2027	26 Mar 2027	**£1,250.–**
Vienna Confirmed dates	12 Apr 2027	16 Apr 2027	**£2,940.–**
Online Confirmed dates	12 Apr 2027	16 Apr 2027	**£1,250.–**
Amsterdam Confirmed dates	26 Apr 2027	30 Apr 2027	**£2,540.–**
Online Confirmed dates	26 Apr 2027	30 Apr 2027	**£1,250.–**



Course content

Dates, venues and fees (continued)

Venue	Start date	End date	Fee (GBP)
London Confirmed dates	17 May 2027	21 May 2027	**£2,450.–**
Online Confirmed dates	17 May 2027	21 May 2027	**£1,250.–**
Cape Town Confirmed dates	7 Jun 2027	11 Jun 2027	**£1,890.–**
Online Confirmed dates	7 Jun 2027	11 Jun 2027	**£1,250.–**
Barcelona Confirmed dates	28 Jun 2027	2 Jul 2027	**£2,840.–**
Online Confirmed dates	28 Jun 2027	2 Jul 2027	**£1,250.–**
Cape Town Confirmed dates	19 Jul 2027	23 Jul 2027	**£1,890.–**
Online Confirmed dates	19 Jul 2027	23 Jul 2027	**£1,250.–**
Barcelona Confirmed dates	2 Aug 2027	6 Aug 2027	**£2,840.–**



Course content

Dates, venues and fees (continued)

Venue	Start date	End date	Fee (GBP)
Online Confirmed dates	2 Aug 2027	6 Aug 2027	**£1,250.-**
Cape Town Confirmed dates	23 Aug 2027	27 Aug 2027	**£1,890.-**
Online Confirmed dates	23 Aug 2027	27 Aug 2027	**£1,250.-**
Kuala Lumpur Confirmed dates	13 Sept 2027	17 Sept 2027	**£1,450.-**
Online Confirmed dates	13 Sept 2027	17 Sept 2027	**£1,250.-**
London Confirmed dates	4 Oct 2027	8 Oct 2027	**£2,450.-**
Online Confirmed dates	4 Oct 2027	8 Oct 2027	**£1,250.-**
Rome Confirmed dates	25 Oct 2027	29 Oct 2027	**£2,450.-**
Online Confirmed dates	25 Oct 2027	29 Oct 2027	**£1,250.-**



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Dates, venues and fees (continued)

Venue	Start date	End date	Fee (GBP)
Dubai Confirmed dates	8 Nov 2027	12 Nov 2027	**£3,150.-**
Online Confirmed dates	8 Nov 2027	12 Nov 2027	**£1,250.-**
Istanbul Confirmed dates	29 Nov 2027	3 Dec 2027	**£2,650.-**
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 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