

MAINTENANCE AND ENGINEERING | COURSE BROCHURE

Rigging and Slinging Practices

5 days | Classroom training | English

SMART HORIZON

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Course content

Why attend

Lifting operations cause many serious accidents when rigging is poor. This course covers rigging and slinging: lifting equipment types, safe working loads, sling angles and load calculations, centre of gravity, rigging hardware inspection, communication and signals, lift planning and safe lifting practices.

Correct rigging prevents dropped loads and injuries. You will learn the principles and practices of safe rigging.

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

Load calculation exercises, equipment inspection practice, lift planning workshops and incident case studies.

Course objectives

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

- Identify lifting equipment and rigging hardware
- Calculate loads, sling angles and tensions
- Determine centre of gravity
- Inspect slings and hardware
- Use standard signals and communication
- Plan and execute safe lifts

Target audience

This course is suitable for:

- Riggers and lifting supervisors
- Maintenance technicians
- Construction supervisors
- Crane operators
- HSE officers



Course content

Target competencies

Participants will develop competencies in:

- Load calculation
- Equipment inspection
- Lift planning
- Communication
- Safety

Course outline

Day 1: Lifting Fundamentals

09:00–10:08	Lifting hazards
10:08–11:00	Regulations
11:00–11:30	**Coffee break**
11:30–11:45	Regulations (continued)
11:45–12:53	Roles
12:53–14:00	Case study

Day 2: Equipment

09:00–10:08	Slings
10:08–11:00	Shackles and hooks
11:00–11:30	**Coffee break**
11:30–11:45	Shackles and hooks (continued)
11:45–12:53	Inspection
12:53–14:00	Practice

Day 3: Calculations

09:00–10:08	Safe working loads
10:08–11:00	Sling angles
11:00–11:30	**Coffee break**



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11:30–11:45	Sling angles (continued)
11:45–12:53	Centre of gravity
12:53–14:00	Exercise

Day 4: Lift Planning

09:00–10:08	Lift categories
10:08–11:00	Lift plans
11:00–11:30	**Coffee break**
11:30–11:45	Lift plans (continued)
11:45–12:53	Exclusion zones
12:53–14:00	Workshop

Day 5: Execution

09:00–10:08	Signals
10:08–11:00	Communication
11:00–11:30	**Coffee break**
11:30–11:45	Communication (continued)
11:45–12:53	Supervision
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)
Dubai Confirmed dates	9 Nov 2026	13 Nov 2026	**£6,300.–**
Online Confirmed dates	9 Nov 2026	13 Nov 2026	**£1,250.–**
Paris Confirmed dates	30 Nov 2026	4 Dec 2026	**£5,720.–**
Online Confirmed dates	30 Nov 2026	4 Dec 2026	**£1,250.–**
Cape Town Confirmed dates	4 Jan 2027	8 Jan 2027	**£3,780.–**
Online Confirmed dates	4 Jan 2027	8 Jan 2027	**£1,250.–**
London Confirmed dates	25 Jan 2027	29 Jan 2027	**£4,900.–**
Online Confirmed dates	25 Jan 2027	29 Jan 2027	**£1,250.–**
Rome Confirmed dates	8 Feb 2027	12 Feb 2027	**£4,900.–**



Course content

Dates, venues and fees (continued)

Venue	Start date	End date	Fee (GBP)
Online Confirmed dates	8 Feb 2027	12 Feb 2027	**£1,250.–**
Amsterdam Confirmed dates	1 Mar 2027	5 Mar 2027	**£5,080.–**
Online Confirmed dates	1 Mar 2027	5 Mar 2027	**£1,250.–**
Barcelona Confirmed dates	22 Mar 2027	26 Mar 2027	**£5,680.–**
Online Confirmed dates	22 Mar 2027	26 Mar 2027	**£1,250.–**
Rome Confirmed dates	12 Apr 2027	16 Apr 2027	**£4,900.–**
Online Confirmed dates	12 Apr 2027	16 Apr 2027	**£1,250.–**
Vienna Confirmed dates	3 May 2027	7 May 2027	**£5,880.–**
Online Confirmed dates	3 May 2027	7 May 2027	**£1,250.–**



Course content

Dates, venues and fees (continued)

Venue	Start date	End date	Fee (GBP)
Frankfurt Confirmed dates	17 May 2027	21 May 2027	**£5,300.-**
Online Confirmed dates	17 May 2027	21 May 2027	**£1,250.-**
Kuala Lumpur Confirmed dates	7 Jun 2027	11 Jun 2027	**£2,900.-**
Online Confirmed dates	7 Jun 2027	11 Jun 2027	**£1,250.-**
Dubai Confirmed dates	28 Jun 2027	2 Jul 2027	**£6,300.-**
Online Confirmed dates	28 Jun 2027	2 Jul 2027	**£1,250.-**
Cape Town Confirmed dates	19 Jul 2027	23 Jul 2027	**£3,780.-**
Online Confirmed dates	19 Jul 2027	23 Jul 2027	**£1,250.-**
Vienna Confirmed dates	9 Aug 2027	13 Aug 2027	**£5,880.-**



Course content

Dates, venues and fees (continued)

Venue	Start date	End date	Fee (GBP)
Online Confirmed dates	9 Aug 2027	13 Aug 2027	**£1,250.-**
Istanbul Confirmed dates	23 Aug 2027	27 Aug 2027	**£5,300.-**
Online Confirmed dates	23 Aug 2027	27 Aug 2027	**£1,250.-**
London Confirmed dates	13 Sept 2027	17 Sept 2027	**£4,900.-**
Online Confirmed dates	13 Sept 2027	17 Sept 2027	**£1,250.-**
Cape Town Confirmed dates	4 Oct 2027	8 Oct 2027	**£3,780.-**
Online Confirmed dates	4 Oct 2027	8 Oct 2027	**£1,250.-**
Barcelona Confirmed dates	25 Oct 2027	29 Oct 2027	**£5,680.-**
Online Confirmed dates	25 Oct 2027	29 Oct 2027	**£1,250.-**



Course content

Dates, venues and fees (continued)

Venue	Start date	End date	Fee (GBP)
Rome Confirmed dates	15 Nov 2027	19 Nov 2027	**£4,900.-**
Online Confirmed dates	15 Nov 2027	19 Nov 2027	**£1,250.-**
Dubai Confirmed dates	29 Nov 2027	3 Dec 2027	**£6,300.-**
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