

TRAINING TITLE

LIFTING AND RIGGING OPERATIONS: LOAD MOVEMENT AND PLACEMENT

Training Duration

5 day

Training Venue and Dates

Ref. No. OP201	Lifting and Rigging Operations: Load Movement and Placement	5	18-22 Aug. 2025	\$5,500	DUBAI, UAE
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In any of the 4 or 5-star hotels. The exact venue will be informed later.

Training Fees

- \$5,500 per participant for Public Training includes Materials/Handouts, tea/coffee breaks, refreshments & Lunch

Training Certificate

Define Management Consultants Certificate of course completion will be issued to all attendees.

TRAINING DESCRIPTION

The course provides a blend of theoretical instruction and practical exercises in rigging, slinging and lifting operations. The successful trainee shall gain an understanding of the related legislation and procedures involved for safely conducting rigging, slinging and lifting operations.

TRAINING OBJECTIVES

Toward the end of the session, participants will be able to understand:

- Understand the role of the rigger and be aware of the relevant regulations pertaining to rigging operations
- Be able to assess loads in terms of their weight and Centre of gravity
- Have a good understanding of SWLs, colour coding and inspection requirements
- Be able to carry out pre-use inspections on equipment used in rigging operations to ensure safe lifting
- Be able to sling loads and ensure they are secure and ready for lifting
- Be conversant with the correct hand and radio signals to be used
- Be aware of the correct use of different rigging equipment (e.g. chain blocks, torpors, slings, shackles and chains)
- Be able to prepare and lift loads using rigging equipment, and to use cross hauling techniques to safely move and deposit various loads

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- Be aware of all safety precautions to be taken whilst working with rigging equipment in terms of issues such as safe stances
- Be able to restore the work area and be aware of post-operational requirements

WHO SHOULD ATTEND?

A "Lifting and Rigging" course is designed for individuals involved in operations that require the use of lifting equipment and rigging techniques, like **Equipment Operators, Riggers, Maintenance Personnel, Safety Professionals** etc.

TRAINING METHODOLOGY

A highly interactive combination of lectures and discussion sessions will be managed to maximize the amount and quality of information and knowledge transfer. The sessions will start by raising the most relevant questions and motivating everybody to find the right answers. You will also be encouraged to raise your own questions and to share in the development of the right answers using your own analysis and experiences. Tests of multiple-choice type will be made available on daily basis to examine the effectiveness of delivering the course.

Very useful Course Materials will be given.

- 30% Lectures
- 30% Workshops and work presentation
- 20% Group Work & Practical Exercises
- 20% Videos & General Discussions

COURSE PROGRAM:

Basic Rigging and lifting

- Rigging and lifting legislation and standards
- Lifting responsibility
- Safe systems of work, risk assessment of lifting activities
- Rigging and lifting principles and terminology
- Types of rigging and lifting equipment
 - Mobile crane
 - Overhead crane
 - Wire ropes
 - Chain block
 - Fabric slings
 - Shackles and eyebolts
 - Beam clamps and trolleys
- Pre and post use inspection of rigging equipment

Safe Use Rigging and Slings

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- Safe and correct use of equipment
- Certification of lifting equipment
- Crane operation
- Equipment marking and selection
- Load weight estimation and center of gravity
- Sling angles
- Sling stress
- Load placement
- dynamic factors
- Disconnection of lifting equipment
- Hand signals and use of portable radios
- Awareness of crane operating principles
- Awareness of conflicting activities
- Environmental factors

NOTE:

Pre-& Post Tests will be conducted.

Case Studies, Group Exercises, Group Discussions, Last Day reviews, and assessments will be carried out.



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