

Management Lifting Operations

Target Group

Those with a working knowledge of lifting equipment and responsible for, or involved in, the practical aspects of lifting and slinging operations. It is especially suitable for those who manage or likely to manage other Banksmen/Slingers e.g. Service Engineers, Technicians and Supervisors, Managers, Safety Officers etc., and any person who offers or is likely to offer advice and/or assistance to, users of lifting equipment.

Aim

The aim of the course is to provide selected delegates with a thorough grounding of lifting and slinging operations, including employer/employee responsibilities statutory requirements, records and 'in depth' safe working practices.

Training Objectives

By the end of the course delegates will be able to:

- Demonstrate knowledge of the legal requirements, employer/employee obligations and responsibilities, and safe working practices pertaining to the operation of mechanical lifting.
- Outline the principles for the selection of lifting equipment.
- Demonstrate knowledge of force influences for various sling configurations.
- Demonstrate knowledge of weight estimation.
- Select appropriate lifting equipment for various lifting operations.
- Carry out identification and pre-use inspection of lifting equipment.
- Use appropriate hand signals.
- Carry out safe, successful lifting operations and assessments.

Course Content

- Video - 'Slinging Safely', A short light hearted introduction.
- Definitions & Terminology. An explanation of all the commonly used definitions and terminology.
- The Law, Standards and Legal Requirements. including the Health & Safety at Work Act, LOLER, PUWER, Supply of Machinery (Safety) Regulations, and recognised codes of practice.
- Principles for the Selection of Lifting Equipment. Marking, storage and handling, pre-use inspection, assessing the operation, and certification.
- Slinging Methods. Design of slings, choosing the right sling for the job, consideration of the different types of slings available, the advantages and disadvantages of each.
- Videos - Safe Use of Slings and 'Plan your slinging' A systematic approach to slinging operations.
- Force Influences - How to calculate the forces present in slings and other lifting equipment under given loading conditions. Consideration of the 'uniform load' and 'trigonometric rating of slings.
- How much does it weigh? - The most fundamental question in any slinging operation. Guidance on the estimation of loads of unknown weight and Slinging Practical.
- Slinging accessories - Hooks, shortening clutches, rigging screws, wire rope grips etc. The correct choice and proper use.
- Safe Use of an OH Travelling Crane
- Written Assessment 45 multiple choice questions designed to assess delegates and ensure that instruction has been assimilated.
- Slinging operations and assessments - Questions to ask, 'Do's and Don'ts', crane signals and Personal Protective Equipment (PPE)

Achievement Measurement

This two day course is carried out in accordance with the code of practice for the safe use of lifting equipment as published by LEEA, and includes theoretical and practical lifting operation assessments leading to certification on successful completion.