

## Management Of Lifting Operations Training

### Target Group

Those with a basic understanding of lifting equipment and are responsible for supervision of plant equipment on site, and understand the practical aspects of lifting and slinging operations. It is suitable for those who supervise other Banksmen/Slingers e.g. Supervisors, Managers, Safety Officers, foreman, rigging superintendents etc.

### Aim

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

### Training Course Objectives

By the end of the training 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:

- 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.
- 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.
- 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.

This course can be delivered on-site or at our training centre.

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