



# Overhead Crane Operation and Slings

This course is designed to teach new operators the safe slinging of loads and the use of a pendant-controlled crane.

## COURSE OBJECTIVES

On completion of the course the operators will know:

- Lifting Operations Lifting Equipment Regulations (LOLER)
- The correct procedure for using the pendant controller
- The safe methods of slinging
- The importance of weight and centre of gravity in relation to the safe working load of the lifting tackle

## COURSE CONTENT

### STATUTORY REQUIREMENTS

- The Health and Safety at Work Act 1974
- Section 2 General Duties of Employers
- Powers of the Inspectorate
- Lifting Operations Lifting Equipment Regulations (LOLER)
- Lifting Equipment Engineers Association - Code of Practice (LEEA)

### INTRODUCTION TO SLINGING

- Types of slings available
- Correct use of slings

### METHODS OF SLINGING

- Choice of equipment to suit SWL
- Angles of lifts
- Configuration of slings
- Weight assessment
- Centre of gravity
- Load packing
- The turning of loads (2 day course only)

### PENDANT CONTROLLER

- Identification of controller
- Mode of operation
- Safety awareness
- Practical Crane operation/slinging

<b>Duration</b>	1 to 2 days - dependant on the complexity of slinging to be taught (e.g. controlling or turning loads in mid-air).
<b>Who?</b>	New Operators
<b>Number of delegates</b>	Maximum 6
<b>Requirements</b>	18 years + Medically fit Room for theory work & access to cranes/hoists, tackle & loads for practical work, which should be the same or of a similar nature to the delegates' day-to-day work.

