



# Slinger/Banksman (Signaller) Duties (mobile cranes)

This course is designed to teach operators the safe slinging and movement of loads using mobile or tower cranes. 'Banksman' or 'Signaller' covers delegates being trained on how to communicate safely with the crane driver and control the lift. The common signals used come from British Standard 7121 and can be varied to suit other industries.

## COURSE OBJECTIVES

On completion of the course the operators will know:

- Their statutory duties under the Health and Safety at Work Act 1974
- Requirements of Lifting Operations Lifting Equipment Regulations (LOLER) 1998 for operators
- Site Safety Requirements
- The importance of sling angles in relation to safe working load - sling rating
- The importance of weight and centre of gravity in relation to the safe working load of the lifting tackle and load stability
- Operator pre-use equipment checks
- Safe working to mobile and tower cranes and load travel
- Signalling code for slingers - BS7121

## COURSE CONTENT

### STATUTORY REQUIREMENTS

- The Health and Safety at Work Act 1974
- Section 2 General Duties of Employers
- Section 7 and 8 General duties of employees
- Lifting Operations Lifting Equipment Regulations 1998 (LOLER)
- BS7121 Safe Use of Cranes
- Lifting Equipment Engineers Association - Code of Practice (LEEA)

### INTRODUCTION TO SLINGING

- Recognition of damaged parts
- Examination and inspection
- Colour coding
- Storage

- Correct use of slings
- Methods of slinging
- Use of charts
- Angles of lift

### DESIGN FOR LIFTING

- Special loads
- Weight assessment
- Choice of equipment to suit SWL
- Configurations
- Centre of gravity calculation

### SIGNALLING AND COMMUNICATION

- Driver / Slinger teamwork
- Choice of signals

### LOAD MOVEMENT

- Load Inspection
- Load Packing

- Load stacking
- Route planning
- Correct slinging
- Positioning of load in relation to slinger
- Movement instruction
- Job completion procedure

<b>Duration</b>	1 to 2 days
<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 same or of similar nature to delegates' day-to-day work