

# Crane Supervisor

## 2 Day Novice / 1 Day Refresher Course

### OVERVIEW

To prepare personnel for their duties as a crane supervisor.

On completion of the course delegates will be viewing or reviewing:

- The statutory requirements
- The requirements of BS7121 Pt. 1: 2006, BS7121 Pt. 2-3 and 2-5 2012
- The planning and control of lifts
- The science of slinging
- The control of lifting accessories

### COURSE CONTENT

- **Statutory Requirements:**  
The Health and Safety at Work Act 1974  
Section 7: General Duties of Employers  
Section 8&9: General Duties of Employees  
Powers of the Enforcing Authority  
The Provision and Use of Work Equipment Regulations 1998  
The Management of Health & Safety at Work Regulations 1999  
The Lifting Operations and Lifting Equipment Regulations 1998
- **British Standards:**  
BS7121 Pt. 1: 2006 Safe Use of Cranes  
BS7121 Part 2-3: 2012 Safe Use of Mobile Cranes  
BS7121 Part 2-5: 2012 Safe Use of Tower Cranes  
Managing the Lifting Operation  
Planning the Lifting Operation  
The Role of the Crane Supervisor  
Basic, Standard and Complex Lifts
- **Types of Lifting Accessories:**  
Slings – chain, wire, fibre  
Shackles, eyebolts  
Lifting beams  
Basic Visual inspection of lifting accessories
- **Science of Slinging:**  
The effect of Sling Angles  
The basic methods of slinging  
Choice of accessory to suit SWL  
Configurations and methods of rating slings  
Weight assessment – centre of gravity
- **Planning:**  
Delegates will be expected to plan a basic and a standard lift, producing the appropriate planning sheets, detailing the method and equipment to be used.
- **Reporting:**  
Risk Assessment and method statements  
Registers and test certificates  
Defect control  
Course Open Forum and Summary  
Delegate Assessment and Feedback

### WHO WILL BENEFIT

Those who will need to supervise the lift and follow the lift plan.

### DETAILS

To attend this course all delegates must have at least 2 years lifting experience and be a qualified Slinger Signaller

### PPE REQUIRED

Hard Hat, Safety Harness, Gloves, High Vis Jacket/Vest and Boots

**Maximum No. of Delegates: 6**