

## Course Title

Overhead Gantry Crane (All Types)

## Course Overview

Every year there are many accidents involving overhead gantry crane's. These injuries, some fatal, create suffering for those involved. They also involve a heavy cost on the employer's business. Even an incident not involving an injury may result in costly damage to buildings, fittings and goods. Accidents are frequently associated with lack of suitable and sufficient operator training. Such training is an essential first step in reducing damage and injury. PUWER 1998 (9) requires all people who use such equipment, to receive adequate training for it's safe use.

## Who Should Attend

People given the responsibility of operating an overhead gantry crane (all controls) should attend this course to comply with PUWER 1998 and HASAWA 1974.

## Course Content

### Theoretical Input

Registration  
Health & Safety at Work Act 1974  
Provision & Use of Work Equipment Regs  
Lifting Operations & Lifting Equipment Regs  
Pre Use Checks & Maintenance  
Lifting Tackle - WLL & SWL  
Planning your job  
Safety Video / DVD's  
Safe Operations of Overhead Cranes  
Basic Signalling Techniques

### Practical Input

An Introduction to the Lifting Equipment  
An Introduction to the Lifting Accessories  
Pre Use Checks & Maintenance  
Safe Methods of Slings  
Raising a Load  
Transporting a Load  
Landing Loads  
Obeying Lifting Plans  
Basic Signalling Techniques  
Practical & Theoretical Assessments

## Course Outcome

- Identify the basic construction and components, and the purpose and use of all its controls and gauges.
- Identify and comply with manufacturers instructions in accordance with the operator's handbook, other information sources, and applicable legislation.
- Explain all relevant documentation.
- Carry out all pre-use and running checks.
- Travel the crane through restricted access with and without a load.
- Identify and explain relevant information relating to lifting accessories and match to certification.
- Ensure that the area of operation is suitable for lifting activities.
- Select appropriate lifting accessories for different types of loads.
- Sling various loads including balanced, unbalanced and loose.
- Guide various loads and place accurately.
- Carry out lifts according to given instructions & use different forms of communication.
- Keep within safe working parameters.
- Recognise different types of lifting accessories and their applications & return lifting accessories to storage.

## Course Durations

Training is for groups of up to 6 people per course. Novice operators require a 2 day course and Experienced or Refresher operators will require a 1 day training session.