

Training

Electric Overhead Travelling Crane Operation

Max Number of Delegates: 4
Duration: 2 Days Novice / 1 Day Refresher
Length of Certification: 3 Years



Suitable for:

This course is intended for personnel who carry out lifting operations using a Pendant or Remote-Controlled Crane. It is suitable for individuals who need to understand safe slinging practices, correct crane operation, and their responsibilities under current health and safety legislation.

Course Content:

Key Statutory Requirements:

- The Health & Safety at Work etc. Act 1974: Section 2
- General duties of employers Section 7 & 8
- General duties of employees
- Powers of the Inspectorate
- LOLER & PUWER regulations
- Introduction to BS7121

Introduction to Slinging:

- Types of slinging available
- Correct use of slings
- Pre-Use inspections

Methods of Slinging:

- Variety of equipment for SWL
- Angles of lifts
- Configuration of slings
- Weight assessment
- Centre of gravity
- Load packing

Pendant/Remote Crane:

- Identification of controller
- Mode of operation
- Safety awareness in area of operation
- Practical crane operation/slinging
- Control of swing
- Practical assessment and theoretical examination

Knowledge Gained:

On completion of the course, delegates will understand:

- Their responsibilities under the Health & Safety at Work etc. Act 1974
- How to correctly operate Pendant and Remote-Controlled Crane systems
- Safe and effective basic slinging techniques
- The importance of accurate weight assessment, load stability, and identifying the centre of gravity in relation to SWL
- How to select and inspect lifting equipment to ensure safe lifting operations