



Remote Control Overhead Crane Licensing

Duration 5 Days

Introduction

Learn how to safely and efficiently operate a radio controlled operated overhead crane.

On completion of the course you will understand the statutory requirements and the need for safety training. The course covers principal components and terminology, operating procedures, signaling, daily checks, lifting, travelling, emergency procedures and much more.

Who Should Attend:

People given the responsibility of operating Remote Control Overhead Crane should attend this course

Course Objectives

Upon completion of this training attendees will be able to:

- ☞ Demonstrate knowledge of company procedures and requirements for lifting practices and overhead cranes.
- ☞ Demonstrate knowledge of the care and safe use of pendant and remote controlled cranes, monorail, and suspended hoists and lifting equipment.
- ☞ Sling, lift, travel, and unload or place regular loads.
- ☞ Park crane and store equipment.

Course Outline:

Module I

- a.) Introduction to O.E.T. cranes
- b.) Types of O.E.T cranes
 - ☞ Gantry crane
 - ☞ Semi-Gantry crane
 - ☞ Cantilever Gantry crane
 - ☞ Wall crane
- c.) Major parts and their functions
 1. Runway
 2. Bridge
 3. Trolley Components
 - ☞ Drum
 - ☞ Limit Switch Actuator
 - ☞ Load block & its components
- d.) Communication (Signaling)
 1. Using hand signals (overhead & gantry cranes)
 - ☞ Hoist travel
 - ☞ Bridge travel
 - ☞ Trolley travel
 - ☞ Emergency stop
- e.) Operational inspection
- f.) SWL Determination
 - ☞ IS units
 - ☞ British units
 - ☞ Conversion table

Module II

- a.) Introduction to slinging & rigging
- b.) Lifting tackles and their functions
- c.) Types of hitches and how to use them

Module III

Duties of personnel involved in lifting operation