

# Rigging and Slings

## 2 Days Novice / 1 Day Refresher Course

### OVERVIEW

To teach maintenance staff to rig lifting equipment safely.

On completion of the one day course, the operator will know:

- Their statutory duties under the Health & Safety at Work Act 1974
- The importance of weight and centre of gravity in relation to the safe working load of the lifting tackle
- Signalling codes for slingers
- To be conversant with the principles and practices of Rigging and Lifting.

### COURSE CONTENT

- **Statutory Requirements:**
  - The Health and Safety at Work Act 1974
  - Section 2 – General Duties of Employers
  - Section 7 & 8 – General Duties of Employees
  - Powers of the Inspectorate
  - The Provision and Use of Work Equipment Regulations 1998 (An overview)
  - The Lifting Operations and Lifting Equipment Regulations 1998 (An overview)
- **Introduction to Slings:**
  - Types of slings available
  - Correct use of slings
- **Methods of Slings:**
  - Choice of equipment to suit SWL
  - Angles of lifts
  - Configuration of slings
  - Weight assessment
  - Centre of Gravity
  - Load packing
- **Methods of Rigging (Equipment):**
  - Slings- Nylon, wire rope and chain
  - Chain blocks, tirsors, pull-lifts, shackles, eye-bolts, jacks, skates, pinch bars
- **Rigging Techniques:**
  - Anchor points in relation to SWL
  - Structures, runway, trusses, supports
  - Safety factors
  - The use of portable staging
- **Principles of Load Turning:**
  - Choice of equipment to suit SWL
  - Methods of attaching slings
  - Position of the bight
  - Two point lifting and turning
- **Signalling and Communication:**
  - Planning the lift
  - Inspection of load to be lifted
  - Establishing weight and centre of gravity
  - Selection of method and equipment
  - Safe route planning
  - Load lifting and movement
  - Job completion procedure
- **Course Review:**
  - The role of the Rigger
  - Duties and responsibilities
  - Safe systems of work

### WHO WILL BENEFIT

Those who will need to move loads using various Lifting Equipment's as their daily duties

### DETAILS

Rigging Equipment should be made available onsite to move loads

### PPE REQUIRED

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

**Maximum No. of Delegates: 6**