

Lifting Equipment (accessories) In-Service Inspection

2 Day Course Novice/ 1 Day Refresher Course

AIM

To teach persons an overview of the examination process of in-service portable lifting equipment as required by Lifting Operations Lifting Equipment Regulations 1998 and the Provision and Use of Work Equipment Regulations 1998 along with other relevant legislation.. The course also looks at the documentation required and the various inspection techniques and rejection criteria of portable lifting equipment.

Although a basic course the content is quite substantial and covers the following areas:

ELEMENTS

- **Statutory Legislative Requirements:**
 - The Health & Safety at Work Law
 - Powers of the Inspectorate
 - British and European Standards
 - The Provision and Use of Work Equipment Regulations 1998 (An overview)
 - The Lifting Operations & Lifting Equipment Regulations 1998 (An overview)
 - Management of Health & Safety at Work Regulations 1999 (An overview)
 - HSE Guidance Notes

- **Portable Lifting Equipment Examination / Inspection :**
 - Chain Slings / Master Links & Assemblies
 - Wire Rope Slings
 - Eyebolts
 - Swivel Hoist Rings
 - Shackles
 - Lifting and Pulling Machines
 - Man-Made Webbing Slings
 - Beam Clamps
 - Manual Chain Blocks / Hoists
 - Lever Hoists (Pull-lifts)
 - Jacks: Defamation, wear
 - Rigging Screws

- **Systems**
 - Tagging
 - Colour Coding
 - Reporting
 - Defective Equipment
 - Quarantine

- **Methods of Testing (Overview Only)**
 - Proof Load Testing
 - Determining Safe Working Loads
 - Factors of Safety
 - Destructive and Non-Destructive Testing (MPI/NDT)

Lifting Equipment (accessories) In-Service Inspection

2 Day Course Novice/ 1 Day Refresher Course

- **Reporting Procedures**
 - Defective equipment register
 - Manufacturer's criteria
 - Company procedures / protocols
 - Purpose of Quarantine locker
- **Documentation**
 - Thorough Examination and Conformity Certificates
 - Manufactures instructions

KNOWLEDGE

On completion of the course the trainees will have an understanding of:

- 3.1 Their statutory duties under relevant legislation pertaining to lifting equipment
- 3.2 The methods of inspection and testing
- 3.3. The rejection criteria of portable lifting equipment listed within the syllabus
- 3.4 The relationship between the Proof Load and the Safe Working Load
- 3.5 The requirements of Test Certificates / Certificates of Conformity and Registers
- 3.6 The requirement for the keeping of records
- 3.7 The role of the Competent Person (Portable Lifting Equipment Inspection)

SKILLS

On completion of the course trainees will be able to:

- 4.1 Identify defective portable lifting equipment
- 4.2 An understanding of the rejection criteria of defective portable lifting equipment
- 4.3 Have an understanding of damaged equipment registers
- 4.4 Have an understanding of the certification that should be with lifting equipment
- 4.5 Their role and responsibilities as a competent person in accordance with legislation
- 4.6 Planned maintenance of portable lifting equipment in accordance with legislation (LOLER 98)
- 4.7 Completed a theory and practical assessment

DESIGNED FOR:

This training course is designed for personnel who are involved with the issue, purchasing and receiving back in of portable lifting equipment and involved in carrying out planned maintenance and inspection of in-use portable lifting equipment. This course does not give delegates the skills to carry out 6 monthly thorough examinations.

Maximum No. of Delegates: 6