

## Description

The Foundation Course is aimed at a beginner's level. It covers common types of lifting equipment used across the industry and basic knowledge of key topics.

This course is a pre-requisite for LEEA's Advanced Programmes and does not qualify you to do inspection or examination of lifting equipment.

## Duration

Instructor Led Training - 3 days

Instructor Led Zoom Training - 3 days

e-Learning - average 20 hours

## Course Contents

Legislation, regulations, standards and best practice relating to lifting equipment

Definitions

Controlling risks

Materials science

Units of measure

Basic machines

Manufacturers verification

Rating of lifting equipment

Types of lifting equipment

Delivery Options

e-Learning

Requirements

No previous experience or qualifications required

You must be over 18 years old.

You must be employed by a LEEA member or registered with us as an Individual Trainee

MERCI POUR VOTRE CONFIANCE



## Lifting Accessories Course (LAC) Diploma

Lifting Accessories Course (LAC) Diploma qualifies students to carry out inspection and thorough examination of lifting accessories.

This course replaces the previous Lifting Equipment General (LEG) Advanced Programme.

### Duration

Instructor Led Training - 5 days

Instructor Led Zoom Training - 5 days

e-Learning - average 20 hours

### Delegates

Maximum number for Instructor Led Training and Zoom delivery - 12 delegates

### Course Contents

#### Unit 1 (Slings Accessories)

##### Working on site

The examiners' tools and equipment

Types of examination

Textile Slings

Chain and chain slings

Wire rope and wire rope slings

Eyebolts

Hoist rings

Shackles

Rigging Screws and Turnbuckles

#### Unit 2 (Non-Fixed Load Attachments)

Plate clamps

Beam clamps (including traditional type beam clamps)

Lifting beams

Lifting magnets

Vacuum lifting devices

'C' hooks

Crane Forks

Lifting inserts

Delivery Options

e-Learning

Instructor Led Training at Huntingdon Training Centre

Instructor Led Zoom training

Instructor Led Training on your premises (members only)

Blended learning (members only)

MERCI POUR VOTRE CONFIANCE



## Requirements

Passed the LEEA Foundation or previous Part 1 Entry (P1E) course

You must be over 18 years old

You must be employed by a LEEA member or registered with us as an Individual Trainee

## Manual Lifting Machines (MLM) Diploma

This Diploma qualification is essential for anyone engaged in the testing, inspection, examination and repair/maintenance of manual lifting machines.

This course replaces the previous Lifting Machines Manual (LMM) Advanced Programme.

## Duration

Instructor Led Training - 5 days

Instructor Led Zoom Training - 5 days

e-Learning - average 20-25 hours

## Delegates

Maximum numbers:

Instructor Led Training - 8 delegates

Zoom delivery - 12 delegates

## Course Contents

Working on site

The examiners' tools and equipment

Types of examination

Lifting Media

Brakes

Hand Chain Hoists

Lever Hoists

Lifting and pulling machines (using a gripping action on the wire rope)

Winches used for Lifting

Travelling Girder Trolleys

Jacks

Pulley Blocks

Manual Travelling Trolleys

Delivery Options

e-Learning

Instructor Led Training at Huntingdon Training Centre

Instructor Led Zoom training

Instructor Led Training on your premises (members only)

Blended learning (members only)

## Requirements

Passed the LEEA Foundation or previous Part 1 Entry (P1E) course

You must be over 18 years old

You must be employed by a LEEA member or registered with us as an Individual Trainee

MERCI POUR VOTRE CONFIANCE



## Overhead Travelling Cranes [OTC] Advanced Programme

### Description

Overhead Travelling Cranes is an Advanced Programme which focuses on the inspection and thorough examination of overhead travelling cranes.

### Duration

Instructor Led Training - 5 days

Instructor Led Zoom Training - 5 days

e-Learning - average 18 hours

### Delegates

Maximum numbers:

Instructor Led Training - 8 delegates

Zoom delivery - 12 delegates

### Course Contents

Legislation

Standards

Lifting Media – Load Chain

Lifting Media – Wire Rope

Materials

Crane Construction

Crane Configurations

End Carriages

Hoist Construction

Rope Drums & Pulleys

Power Feed Systems

Motion Limit Switches

Overload Devices

Braking Systems

Electric Motors and VFDs

Duty Classification

Safety Essentials when working on OTC

Testing as Part of the Thorough Examination

The Thorough Examination

Gantry Alignment

Delivery Options

e-Learning

Instructor Led Training at Huntingdon Training Centre

Instructor Led Training on your premises (members only)

MERCI POUR VOTRE CONFIANCE



Blended learning (members only)

Requirements

Passed the LEEA Foundation or previous Part 1 Entry (P1E) course

You must be over 18 years old

You must be employed by a LEEA member or registered with us as an Individual Trainee

MERCI POUR VOTRE CONFIANCE

