

Thorough Examination of Arboricultural Equipment

Course Code: CXF812X

Course Objectives

To enable course members to :

- Be aware of legislation pertaining to examination of arboricultural equipment
- Understand definition and status of a competent person
- Be aware of range of PPE and other equipment appropriate to working at height in arboricultural operations
- Understand the requirements for operator pre-use checks, inspection, record keeping, storage and transport of equipment
- Identify different categories of equipment and their appropriate examination intervals
- Recognise appropriate marking of equipment to identify individual items
- Correctly identify levels of wear and damage in a range of arboricultural equipment
- Demonstrate an ability to record findings of the thorough examination using the appropriate forms

Course aim

This course aims to provide specific training for those experienced in arboricultural operations, and the equipment used in such operations, to be competent in the thorough examination of arboricultural equipment, as defined under the Lifting Operations and Lifting Equipment Regulations 1998 (LOLER '98).

The training is designed to provide all the necessary knowledge and skills for such individuals to prepare them for independent external assessment for the NPTC Certificate of Competence in Thorough Examination of Arboricultural Equipment.

Lantra Awards training and NPTC assessment in Thorough Examination of Arboricultural Equipment has been developed to provide tangible evidence of 'competence', as described under LOLER, in addition to a person's experience.

Who is the Course For?

Trainees for this course must have a comprehensive knowledge of modern arboricultural practice, particularly relating to tree climbing and rigging techniques and the associated equipment used in such operations. They will typically come from an arboricultural contracting background, but could also include those involved in associated roles **provided** they have the relevant knowledge and experience of arboricultural equipment and the circumstances in which it is commonly used.

Pre-requisites

Trainees would normally be expected to hold NPTC Certificates of Competence in units CS38, 39, 40 and 41, however exceptions may apply as outlined above. Trainees must have a minimum of five year's experience using and working with arboricultural equipment.

Duration/Format

1.5 days – Classroom based with practical exercises

Instructor/Trainee Ratio

Max: 1:8 Min: 2

Course Content

- Introduction
- Legal Framework
- Inspection intervals
- Record keeping, traceability and reporting
- Marking of equipment
- Types of damage and defects
- Inspection techniques
- Maintenance and repair
- Life span and disposal of equipment

Thorough Examination of Arboricultural Equipment

Course Code: CXF812X

Facilities/Equipment required:

Organiser

For each course member:

- Joining instructions
- Location map reference / venue address
- Lapel badges

Venue

- Emergency contingency information:
 - Location map reference / venue address
 - Fire /evacuation procedures
 - Fire alarm and extinguisher(s)
 - Telephone number of nearest hospital with emergency service
 - First aid equipment (which complies with the Health and Safety (First Aid) Regulations 1981)

- Classroom facilities with space and seating for up to 10, with light, heating and power, toilet facilities, tea and coffee provision
- Adequate tables / work benches to lay out a range of equipment for inspection
- Flipchart / whiteboard (for newsprint, flipcharts etc plus pens)
- Power point projector and screen (if specified by instructor)

Instructor/Tutor

- Copy of workbook
- Instructor manual
- LOLER ACOP
- AIS 30
- Examples of manufacturer's information and guidance
- Wide range of arboricultural equipment, including new, used, worn and damaged. Items should include textile (ropes and rope accessories, harnesses, webbing straps, etc) and metal (connectors, ascenders, lowering devices and accessories) – (these lists are not exhaustive)
- Tools and equipment for examination and maintenance of arboricultural equipment

Publications included in package

Lantra Awards workbook for Thorough Examination of Arboricultural Equipment, LOLER '98 Regulations and ACOP, HSE Information sheet AIS 30, site specific risk assessment form, certificate claim forms

Instructor – Basic Registration Criteria

Group B: Please refer to the Lantra awards Instructor information pack

Instructor – Technical Skills Knowledge and Experience

Instructor / tutors for this course must have extensive experience in arboricultural practice, including at least five year's experience in carrying out Thorough Examination in Arboricultural Equipment. They must be successful in a Technical Evaluation carried out by a Lantra Awards Technical Standards Verifier (TSV)