

Pier Crane**CLVC04X****Course Objectives**

At the end of the course, participants will be able to understand:

- Legislation regarding cranes
- Basic principles machinery/hydraulics
- Safe working load
- Slings/attachments
- Maintenance/inspection
- Stability/counterbalance
- Signalling
- Operation

Who is the Course For?

Suitable for operators in a wide range of industries and work environments, including: Agriculture, Aquaculture and fish farming, Building products, Construction, Forestry and timber processing, Industrial sites, Ports and harbours, Road haulage and distribution.

Duration/Format

- 1 to 2 days

NVQ/SVQ Linkage

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Instructor/Trainee Ratio

- **Max:** 4 **Min:** 1

Course Content

- The essential principles of crane operation and what they mean in practice.
- What you must do to ensure the highest standards of safety while operating your crane.
- How to operate your crane efficiently, including the use of different attachments.
- How to maintain your crane to the recommended standards.

Facilities/Equipment required:**Organiser**

- Suitable fire extinguisher
- List of course members
- One serviceable crane with manufacturer's instruction manual
- Tool kit/maintenance materials for equipment
- Classroom
- PPE
- Big bags, pallets etc for lifting
- Slings, chains etc...
- Risk assessment
- Test certificate for crane

Instructor/Tutor

- PPE
- Risk assessment
- Instructor manuals
- Appropriate training aids
- Flipchart
- Safety guides and literature

Trainee

- PPE
- Safety helmet, boots – A MUST
- Overalls
- Pen and paper

Venue

Safe working area preferably away from day to day use.

Well lit and adequately heated classroom with table and chairs.

Publications included in package

Pier Crane**CLVC04X****Instructor – Basic
Registration Criteria**

Please refer to the Lantra Awards Instructor Information pack.

**Instructor –
Technical Skills
Knowledge and
Experience**

- Must provide evidence of using type of cranes to be instructed in, in last 3 years
- Must hold a current certificate of crane or crane to instruct in.
- Must hold a First Aid at Work Certificate
- Must understand the current HSE Legislation that applies to cranes.
- Must be assessed by Lead Instructor or attend crane instructors course.

**Instructor
Certification (If
desirable)**