

Excavator 180

Course Aims

This course is intended to provide delegates with the knowledge and understanding of health and safety issues when operating machinery. They will have the ability to carry out safe working practices according to CPCS criteria and standards. A registered CPCS instructor will carry out all training and assessments with current ID AVAILABLE.

Learning Objectives

At the end of this course the delegates will: -

- Have a basic knowledge of the Health and Safety at Work Act 74.
- Have an understanding of (PUWER 98) and (LOLER 98)
- Be able to comply with the manufacturers specifications.
- Know the operator responsibilities with regard to maintenance duties.
- Have an understanding of the safe working practices.
- Be able to carry out running checks.
- Have knowledge and ability of travelling on Incline in a loaded and unloaded state. Be able to carry out hill starts in a loaded and unloaded position.
- Be able to demonstrate using the 4 in 1 bucket.
- Be able to demonstrate good working practices when loading with the backhoe and front bucket.
- Be able to excavate a trench using the backhoe.
- Change bucket attachments according to the manufacturers specifications
- Be able to position backhoe for travel position when travelling on the highways
- Be able to carry out parking and the shut down procedure safely.

Course Duration

- Experienced operators require a **1-day refresher and assessment**. Maximum candidates/course – 4
- Novice operators require a minimum of **5 days training including a 1/2-day theory session**. Maximum candidates/course – 2

Pre-Requisites

Experienced workers must bring proof of certification, with a letter from their employer confirming their operating ability.

Plant & Machinery Requirements

- A serviceable 180 Excavator with an operator manual and a permit to dig
- A ramp for hill starts (25% incline)
- A machine for loading purposes.
- Materials for loading using the front bucket and backhoe.
- An area to excavate a 5m square trench with no services and free from working activities
- Cones to observe manoeuvre in a forward and reverse direction
- Small plant for towing.



Personal Protective Equipment

This course requires the delegate to be on or near the running line, therefore he/she **MUST** be in possession of: -

- Protective “all orange” High Visibility clothing to BS EN 471:2003
- Safety Footwear to BS EN ISO 20345:2004
- Safety Helmet (white/blue) to BS EN 397:1995
- Ear Protection
- Eye Protection
- Gloves

The protective equipment must comply with current safety standards.

Certification

A Certificate of Competence will be awarded to the delegate upon successful completion of both an underpinning knowledge theory assessment and practical on-site assessment.