

Skills Bootcamp in Plant Operations

180° Excavator



COURSE
DURATION
10 DAYS

 Funded by
UK Government

**SKILLS
FOR LIFE**

Machine in Focus

Machine characteristics: A 180° excavator gets its name from the boom attached to the vehicle which can pivot from left to right through 180°. It is also known as a Backhoe.

The front of the machine is equipped with a large bucket that can be used for loading, lifting, and moving materials such as soil, gravel, and debris. The rear features a backhoe arm with a digging bucket, which is used for excavation tasks like digging trenches, holes, and foundations.

Applications: Excavations, trenching, ditching, material handling, demolition and site preparation.

Used in: Construction, Mining, Agriculture, Utilities, Landscaping.

Aimed at: New entrants and existing operators who want to gain work operating a 180° Excavator in the construction industry.

**SKILLS
BOOTCAMPS**

Course Content

Learners will receive guided training in the following areas:

- Understanding and complying with legislation, manufacturer's instructions and operator safety codes, relevant to the machine and work activities.
- People Plant Interface (PPI) awareness.
- General hazards associated with the 180° excavator and appropriate control measures.
- Identifying machine components / operator controls and completing pre-shift, operational checks and appropriate machine maintenance
- Preparing the machine for site / road travel and working tasks.
- Driving and manoeuvring the machine over varying terrain and in confined or restricted spaces.
- Introduction to safety devices, including human detection systems and 360 cameras.
- Understanding the principles of Eco-Operation.
- Safe and correct use of the Quick Hitch and attachments.
- Safe and correct use of the machine when working, including excavation of various soil types, placing spoil into transporting vehicles, grading, spreading and levelling different materials.
- Safe and correct procedure for lifting, moving and placing basic slung loads with the rear boom.
- Understanding safe loading/unloading, on/off the transporter.
- Machine shut down procedures and security.

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Course Delivery

A blended delivery model will include theory, practical and simulator training.



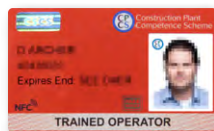
Operator Behaviours

Learners must be able to demonstrate the following operator behaviours to successfully achieve the Skills Bootcamp in Plant Operations:

- A health and safety-first attitude.
- Ability to work effectively and undertake work in a reliable and productive manner.
- Ability to maintain positive customer relationships.
- Work well independently and as part of a team.
- A positive attitude and apply discipline to their work.

Assessment

Learners will complete a theory and practical test on completion of their training and will be required to meet the Construction Plant Competence Scheme (CPCS) test criteria.



Functional Skills

Learners will complete a functional skills assessment in English and Maths prior to starting the Skills Bootcamp. Support will be provided to learners to further their skills. Functional skills are the fundamental English and Maths skills to aid learner's working and personal lives.



Entry Criteria

Skills Bootcamps are accessible to those who meet the following criteria:

- Aged 19 years or older.
- Have the right to work in the UK.
- Live in England.

Learners will require a minimum level of fitness as this course contains practical activity.

**SKILLS
BOOTCAMPS**

How to apply

To apply for the Skills Bootcamp in Plant Operations, scan the QR Code. To discuss the course further, call us on **0121 389 2302** or email:

enquiries@operatorsskillshub.com



Course Locations

This course is delivered at our purpose-built training centres throughout the UK.

To find your nearest location, visit: www.operatorsskillshub.com

If you would like to arrange a group booking at a location to suit your requirements, please contact the training team.