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A12 – 180° Excavator (above 5 tonnes) – Foundation Course

Introduction

This course is approved by the Construction Plant Competence Scheme (CPCS) and the National Plant Registration Operators Scheme (NPORS), which complies with the Health and Safety at work act (1974) and all other regulations regarding operator training.

Learning outcomes

On completion of this unit, the candidate will be able to:

- Identify the basic construction, purpose and function of components and the purpose and use of all controls and gauges.
- Identify and comply with manufacturers' instructions in accordance with the operator's handbook, other information sources and applicable legislation.
- Carry out all pre-use and running checks.
- Configure the excavator for site travel.
- Travel the machine over varying types of terrain, including rough, undulating ground and substantial inclines.
- Manoeuvre the excavator in confined areas.
- Set the machine to excavate.
- Explain precautions to be taken for underground and overhead services and other hazards.
- Excavate below ground level on a variety of excavations in different ground types.
- Place spoil into various sizes of vehicles/hoppers.
- Grade, spread and level different types of terrain.
- Remove and re-attach buckets.
- Place the machine in an out-of-service condition.
- Explain the loading and unloading procedures on and off a transporter.

Course Duration	Ratio	Location
10 Days (70 hours)	1 Instructor : 2 Candidates : 1 Machine 1 Instructor : 4 Candidates : 2 Machines	FTS Training Centre ✓ On Site ✓

Examination and Certification

To achieve the learning outcomes the candidate must complete a theory test and a practical test. Successful candidates will be entered into the NPORS and CPCS scheme.