

Course Title

180 Excavator (Below 5 Tonne / Above 5 Tonne)

Who Should Attend

Anyone who uses or will be using a tracked 180 Excavator in the land-based industries or construction industry

Course Content

- All current relevant regulations
- Introduction to machine
- Pre - shift inspections
- Controls and instruments
- Coolant, fuel and lubrication systems
- Trenching, back-filling, levelling and marking out
- Excavating deep and shallow excavation
- Use of the front loader
- Other associated construction activities
- Explanation of attachments

Course Outcome

- Identify the basic construction and components, and the purpose and use of all its controls and gauges.
- Identify and comply with manufacturers instructions in accordance with the operator's handbook, other information sources, and applicable legislation.
- Explain all relevant documentation.
- Carry out all pre-use and running checks.
- Configure the excavator for site and road travel.
- Travel over differing types of terrain, including rough undulating ground and substantial inclines.
- Manoeuvre the excavator in confined areas.
- Set the machine to excavate.
- 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 Durations

Novice – (No or little experienced)

1 delegate over 3 days 2 delegates over 4 days 3 delegates over 5 days

Exiting / Experienced – (Confident with the use of an excavator and understands all of the controls & gauges)

1 delegate over 2 days 2 or 3 delegates over 3 days

Refresher – (Already attended a course of training and can prove this)

1 to 3 delegates over 1 day

Assessment – (Over 2 years experience and can be verified by an employers letter)

1 to 4 delegates over 1 day