



Excavator 180

Course Details

Title: Excavator 180
Type: Training Course
Duration: 1 - 2 Days

180° excavators are widely used throughout the land based and construction industry. They are versatile machines that can be used for a variety of different jobs, and it is due to their power and weight that these machines if not used correctly can cause accidents to happen, and this is why training is so important.

Our excavator 180, integrated training and assessment course runs for one to two days, and our experienced instructors will guide you through the training to make sure that you learn the key fundamentals of operating a 180° excavator.

Once you have completed and passed the course you will receive a certificate in training for Excavator 180 .

Who is it for?

Our course is for anyone who uses or will be using a 180° excavator in either land based industries or the construction industry. The one or two day course will allow you to develop the skills and knowledge required in order to operate the machine in a safe and confident manner.

What will you get from it?

Identify the basic construction and 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 (PUWER. LOLER).

Carry out all pre-use and running checks.

Set the excavator for site and road travel.

Travel over varying types of terrain, including rough undulating ground and substantial inclines.

Manoeuvre in confined areas using forward and reverse direction.

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.

Remove and re-attach buckets.

Place the excavator in an out-of-service condition.

Explain the loading and unloading procedures on and off a transporter.

Course sessions:

Working in the construction industry.

Components of 180° degree excavators.

Models of operation.

Stability of the machine.

Accident prevention.

Pre-shift checks.

Familiarisation with instruments and controls.

Starting and stopping the machine.

Operating factors.

Operating to produce trench 1m deep by 10m long by one bucket width.

Driving on the highway and transportation.

Operating to produce trench 2m deep by 5m long with battered sides.

Operating to form a simply ditch.

Operating to produce a straight trench 1m deep by 10m long using sand, lime or marker spray line.

Operating to fill a vehicle using the backactor to produce a square hole and fill vehicle.

Operating the machine: driving; use of front shovel; use of multi-purpose bucket (if applicable); use of the backactor; changing attachments/buckets.

Operating to produce trench 1m deep by 10m long with restrictions.



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Site safety.

Operating to produce a trench with a square manhole.

Advanced operation to form a ditch.

Possible problems.

Advanced operation to clean a ditch.

The things you need to know:

Duration: 1 - 2 Days

Max no of learners: 4



Excavator 360 (tracked or wheeled)

Course Details

Title: Excavator 360 (tracked or wheeled)

Type: Training Course

Duration: 1 to 2 Days

360° excavators are widely used throughout the land based and construction industry, and are so named as they have the ability to revolve a full 360 degrees. They are versatile machines that can be used for a variety of different jobs, and in order that they operate efficiently and safely, the correct training is required.

Our excavator 360° (tracked or wheeled), integrated training and assessment course runs for one or two days, and our experienced instructors will guide you through the training to ensure you learn the key fundamentals of operating the 360° excavator.

Once you have completed and passed the course you will receive a certificate in training for Excavator 360°

Who is it for?

Our course is for anyone who uses or will be using a 360° excavator in either the land based or construction industry. The course will allow you to develop the skills and knowledge required in order to operate the machine in a safe and confident manner.

What will you get from it?

Identify the basic construction and components, and the purpose and use of all controls and gauges. Identify and comply with manufacturer's 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.

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 sessions:

Working in the construction industry

Components of 360° excavators

Models of operation

Stability of the machine

Accident prevention

Pre-shift checks

Familiarisation with instruments and controls

Starting and stopping the machine

Operating the machine

Daily checks

Operating the machine - changing attachments

Operating factors

Possible problems

Advanced operation

Advanced operations - theory

Site safety



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Transportation

The things you need to know:

Duration: 1 - 2 Days

Max no of learners: 4