

Course Objectives for C202 Excavator 360°

It is envisaged that by the end of this course of training the trainee operator will be able to answer questions on and perform the following:

- Have a basic understanding of the industry, the dangers of working in the industry and their responsibilities as a plant operator - the factors that help maintain a safe working environment in the construction industry, and their responsibilities as a 360 - excavator operator
- Have a working knowledge of the manufacturer's handbook for the particular machine to be used - identify and extract information from the manufacturers' handbook / operator's manual, and other information sources including digital
- Be able to locate and identify the major components, signs and decals and all controls of the excavator and explain their functions
- Conduct all pre-operational checks in accordance with manufacturers and legislative requirements
- Identify and maintain PPE appropriate for excavator use
- Safely mount and dismount the machine
- Be able to locate and identify steering, driving and braking controls and explain their functions
- Prepare and configure the excavator for site travel
- Travel and manoeuvre the excavator safely across varying terrain and inclines
- Travel and manoeuvre in areas of restricted space
- Attach and remove buckets, using quick-hitch couplers - fit and remove attachments
- Conduct all necessary safety checks at the work area
- Configure and set-up for excavating and loading duties
- Explain actions required for hazards, underground and overhead services
- Carry out excavating tasks - excavate different types of excavations in various types of ground to given dimensions
- Load material onto transporting vehicles or into containers - place materials into transporting vehicles and hoppers
- Reinstatement excavation – grade, spread and level ground and materials
- Explain environmental considerations of machine use
- Explain loading / unloading procedures for machine transportation
- Carry out all end of shift and shut down procedures