



Practical Test for N201 Excavator 180°

Test sequence	ACTIVITY GUIDELINES The learner must: <ul style="list-style-type: none"> • Complete all pre-start and running checks before any activity takes place • Only complete the shutdown procedures at the end of the test • All additional test requirements can be completed in any order
Operator safety and observations	Seat belt must be worn if stated in the employers risk assessment / method statement. The excavator must be serviceable, meet the current legislation and fitted with a front multi-purpose and a standard bucket fitted to the backhoe. Changing of bucket(s) must be carried out in a segregated safe zone.
Travelling to work area	The learner must: <ul style="list-style-type: none"> • Travel up and down a gradient • Stop and start on the gradient whilst travelling up-hill • Stop and start on the gradient whilst travelling down-hill • Manoeuvre through a chicane applying the full steering range in both forward and reverse direction • Travel over varying terrain
Setting up to excavate	Prepare and set up the machine for excavating duties
Excavate trench and load vehicle	<ul style="list-style-type: none"> • Excavate 4 trenches with the backhoe set at right angles to form a square • The ends must be clean free of debris and vertical. • Form a spoil heap utilising the multi-purpose bucket • Load material on to vehicle
Backfill excavation	<ul style="list-style-type: none"> • Backfill and reinstate excavated area to original state using both the multipurpose bucket (front) and backhoe
Change attachment	Remove and attach bucket
Shutdown procedures	Excavator parked in a safe position with the engine and isolator key removed and handed to the instructor
Additional notes	<ul style="list-style-type: none"> • A verbal description to the instructor of the pre-start checks would be acceptable if the machine is hot • The operator's manual must be accessible • When the bucket is released from the quick hitch system, and the excavator must be moved and reposition before re-attaching • The slope must be of sufficient incline with manoeuvring room on the top to enable the learner to demonstrate the correct procedures for traveling up and down a gradient as per manufacturer's recommendations
Specifications	<ul style="list-style-type: none"> • Trench length will be 6 metres per trench • Trench depth must be a minimum of 1 metre • The loading vehicle must be filled to capacity • The loads placed in the vehicle must be loaded with both front end and backhoe buckets (<i>minimum 2 loads from each</i>)
Test Timings	The full test must be completed within 2hrs 45mins
Note	It is recommended that all learners completing basic training receive a minimum 7hr Health, Safety, Environment and Induction Training