



Practical Test N214 Road Roller

Test sequence	<p>ACTIVITY GUIDELINES</p> <p>The learner must :</p> <ul style="list-style-type: none"> • All pre-start and running checks must be completed before any activity takes place • The shutdown procedures must only be completed by the learner at the end of the test • All additional test requirements can be completed over the period of the test duration
Operator safety and observations	<ul style="list-style-type: none"> • Seat belt must be worn if stated in the employer's risk assessment / method statement • The roller must be serviceable and meet the current legislation
Setting up to compact	<ul style="list-style-type: none"> • Prepare and set up the machine for compacting duties specifying the exclusion zone • The rolling area must consist of a supported area (kerbs etc) and unsupported area (free running)
Compacting tasks	<ul style="list-style-type: none"> • Compact a radius with supporting edge applying at least 3 passes • Compact a straight run with supporting and un-supporting edges applying at least 3 passes • Cones or other obstructions must be placed in the compacting area to simulate ironwork
Shutdown procedures	<ul style="list-style-type: none"> • The roller must be 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 • The ride-on roller must be fitted with R.O.P.S. • A rolling pass comprises of a compacting in one direction using the dead rolling method and returning on the same path using the vibratory system • An overlap will comprise of no more than one quarter of the width of the compacting drum • Compaction must take place as close to the supported area as practicable depending on the material used • The straight run to be compacted must be no less than 15m in length with a sufficient hard standing at one end • The width of the area must be no less than 4 x the width of the drum of the roller to be used • The radius must have a curve of 5-10m • The material used must clearly show areas that have been compacted, overlapped and any direction change • A chicane to be negotiated both forwards and reverse, the minimum distance at the extremities to be 500mm
Test timings	The full test must be completed within 1 hour
Note	It is recommended that all learners completing basic training receive a minimum 7hr Health, Safety, Environment and Induction Training