



## Practical Test N130

### Horizontal Directional Drilling Rig

<b>Test area and sequence</b>	<b>ACTIVITY GUIDELINES</b>  <b>The learner must: -</b> <ul style="list-style-type: none"> <li>• Ensure the test area must have all services and hazards identified to the learner before work starts</li> <li>• The test area must be able to facilitate rig travel and parking with a flat area for drilling operations</li> <li>• Pre-use checks must be completed by the learner at the start of the test</li> <li>• Agree signals, safety zones and safe working practices before the start of the test</li> <li>• The shutdown procedures must be completed by the learner at the end of the test</li> <li>• All additional test requirements can be completed by the learner over the test duration</li> </ul>
<b>Operator safety and observations</b>	<ul style="list-style-type: none"> <li>• The Risk Assessment / Method Statement must be read and understood before work starts</li> <li>• A preliminary survey of the bore path area must be completed prior to the test starting and the information relayed to the operator</li> <li>• If using a locating tool the operator must hold an in date and recognised qualification</li> <li>• Set up exclusion zones</li> <li>• Set up and test electric strike safety equipment</li> </ul>
<b>Travelling to work area</b>	The learner must operate the HDD rig and: <ul style="list-style-type: none"> <li>• Set the drilling rig and travel to the work area</li> <li>• Manoeuvring the rig over varying terrain</li> <li>• Steer in a straight line through a restriction in both directions</li> </ul>
<b>Prepare for drilling tasks</b>	<ul style="list-style-type: none"> <li>• Manoeuvre the rig onto the position</li> <li>• Prepare and set up the drilling rig for work</li> <li>• Select the correct type of boring tool suitable for ground conditions</li> <li>• Ensure the entry pitch and entry setback is correct</li> <li>• Ensure anchoring system is in place and secure</li> <li>• Connect fluid hose and prepare to pump fluid</li> </ul>
<b>Carry out drilling, back reaming and pipe pulling tasks</b>	<ul style="list-style-type: none"> <li>• Start boring process</li> <li>• Keep in constant contact with locating tool operator</li> <li>• Keep full communication with crew tracking transmitter / receiver</li> <li>• Reach desired exit point and change bore head in preparation for back reaming and pulling</li> <li>• Kept full control of the working area and maintained safety zones</li> <li>• Record completed bored holes length – depth – types</li> <li>• On completion of drilling / boring duties confirm each bore has met the required specification</li> </ul>
<b>Shutdown procedures</b>	<ul style="list-style-type: none"> <li>• On completion of drilling tasks, park in a safe position with the engine and isolator key removed and handed to the instructor</li> <li>• Clean all equipment and stow away correctly</li> <li>• Carry out shut down and securing procedures</li> <li>• Load / unload rig to / from a transporter (if applicable)</li> </ul>
<b>Additional notes</b>	<ul style="list-style-type: none"> <li>• The operator's manual must be accessible</li> <li>• The drilling rig and ancillary equipment must be suitable, sufficient and meet the job specification</li> <li>• The bore plan must be followed</li> </ul>



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<b>Additional notes cont'd</b>	<ul style="list-style-type: none"><li>• Items such as cones or barriers should be available to create restrictions for manoeuvring</li><li>• The HDD rig must be serviceable and meet the current legislation</li><li>• If bore piling, suitable and sufficient equipment must be available to remove spoil</li></ul>
<b>Specifications</b>	<ul style="list-style-type: none"><li>• The restriction must be 800mm plus the maximum width of the piling rig used on the test</li><li>• A minimum of 15m must be bored to completion and a duct / pipe pulled through the bored hole</li><li>• The bored hole must be within a maximum 6 inches of the proposed exit target</li><li>• All lifting equipment/accessories must have current test certification and be fit for purpose</li></ul>
<b>Test timings</b>	The full test must be completed within 2hrs
<b>Note</b>	It is recommended that all learners completing basic training receive a minimum 7hr health, safety and environment and induction training



# General Data Protection Regulation

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- If you are not satisfied with how we process your personal data, you have the right to complain to the Information Commissioner's Office.

Name of Learner (Please print) .....

Signature of Learner .....

Date .....