

<b>Test sequence</b>	<b>ACTIVITY GUIDELINES</b>  <b>The learner must:-</b> <ul style="list-style-type: none"> <li>• All pre-start and running checks must be completed before any activity takes place</li> <li>• The shutdown procedures must only be completed by the learner at the end of the test</li> <li>• All additional test requirements can be completed over the period of the test duration</li> </ul>
<b>Operator safety and observations</b>	<ul style="list-style-type: none"> <li>• Seat belt must be worn if stated in the employer's risk assessment / method statement</li> <li>• The crawler crane must be supplied with the correct operator's manual, be serviceable, certificated, meet the current legislation and fitted with the manufacturers LLI / RCI device</li> <li>• The crane must have a relevant legible duty charts available for the learner to use on the test</li> </ul>
<b>Travelling to work area</b>	<b>The learner must:</b> <ul style="list-style-type: none"> <li>• Travel to the work area</li> <li>• Manoeuvre through a restricted area</li> <li>• Travel over varying terrain</li> </ul>
<b>Specified loads</b>	<ul style="list-style-type: none"> <li>• <b>Load 1</b> must be at least 50% of the SWL at 75% of the max radius of the crane</li> <li>• <b>Load 2</b> must be within the manufacturers duty chart for 2 falls of rope</li> <li>• <b>Load 3</b> must be within the manufacturers duty chart for 3 falls of rope</li> <li>• <b>Load 4</b> must consist of tubes (or similar structure) no less than 6m in length</li> </ul>
<b>Setting up in preparation for work</b>	<ul style="list-style-type: none"> <li>• Prepare and set the crane for each lift</li> <li>• When required change the number of falls on the rope from 2 &gt; 3 or 3 &gt; 2</li> <li>• Prepare area for out of sight lifts</li> <li>• Flat area to allow lifting and placing of load</li> <li>• Flat area to allow lifting, travelling and placing of load (if applicable)</li> </ul>
<b>Carry out lifting tasks</b>	<ul style="list-style-type: none"> <li>• <b>Lift load 1:</b> Lift an out of sight load set at 75% of the cranes maximum radius and land at a designated point at the cranes minimum radius. Lift load from minimum radius and rotate 180°, land the load at the cranes mid-radius. Lift the load and rotate at least 360° and return to the original out of sight position set at the cranes maximum radius</li> <li>• <b>Lift load 2:</b> Using two falls of rope from a designated position and travel with the load suspended for at least 10 meters. Whilst travelling execute a 90° turn</li> <li>• <b>Lift load 3:</b> Using 3 falls of rope lift a load from mid-radius point and rotate 280°, land load at a designated mid-radius point</li> <li>• <b>Lift load 4:</b> Set the crane boom / jib at minimum radius, slew at least 360° and return the load to its original position</li> </ul>
<b>Shutdown procedures</b>	<ul style="list-style-type: none"> <li>• Crane parked on firm level ground in a safe position with boom set in the travel position, engine and isolator key removed and handed to the instructor</li> </ul>

## Practical Test for N103 Crawler Crane

<b>Additional Notes Specifications</b>	<ul style="list-style-type: none"> <li>• A verbal description to the instructor of the pre-start checks would be acceptable if the machine is hot</li> <li>• The operator's manual must be accessible</li> <li>• The restriction must be no wider than the crane plus 800mm</li> <li>• The slinger / signaller used to attach loads must be certificated with a recognised in-date qualification</li> <li>• All lifting accessories must be certificated and fit for purpose</li> <li>• The weight of all loads must be known</li> <li>• All loads to be landed within 100mm of designated landing point</li> <li>• Both radio communication and hand signals must be used when lifting <b>load 1</b></li> <li>• All hand signals shall conform with BS7121 part1: 2016</li> <li>• When moving loads 1, 3 and 4 they must be moved so that the slinger / signaller can keep control of the load via a guide line</li> <li>• The weight of all loads must be known and clearly marked on the load</li> <li>• It is imperative that the NPORS instructor checks that their learner has programmed the RCI / LLI correctly before carrying out each activity</li> <li>• All loads must be made safe after landing</li> </ul>
<b>Test timings</b>	<ul style="list-style-type: none"> <li>• The full test must be completed within 2hrs 30min</li> </ul>
<b>Note</b>	<ul style="list-style-type: none"> <li>• It is recommended that all learners completing basic training receive a minimum 7hr Health, Safety, Environment and Induction Training</li> </ul>