



## Practical Test for N211 Concrete Pump

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| <b>Test sequence</b>                      | <b>ACTIVITY GUIDELINES</b><br><br><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>• Pipe fittings must be fitted with suitable and sufficient locking mechanism</li> <li>• The concrete pump must be supplied with the correct operator's manual, be serviceable and meet the current legislation</li> <li>• The delivery hoses should be suitably and sufficiently anchored and supported (trailer mounted / static only)</li> <li>• The signaller must be suitably qualified to undertake the task (if applicable)</li> <li>• The concrete pump SWL must be clearly marked</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> </ul>  |
| <b>Setting up in preparation for work</b> | <ul style="list-style-type: none"> <li>• Site the concrete pump in preparation for pumping concrete</li> <li>• Lubricate the line and placing hose with suitable primer</li> <li>• Guide the material carrying vehicle into position</li> <li>• Deploy boom and extensions to the pour point</li> </ul>   |
| <b>Carry out pumping tasks</b>            | <ul style="list-style-type: none"> <li>• Pump the material to the agreed position</li> <li>• Whilst pumping move the boom in various directions incorporating a change of radius and keeping the delivery hose at a constant height</li> <li>• A full explanation should be given to the instructor regarding unblocking procedures</li> </ul>  |
| <b>Shutdown procedures</b>                | <ul style="list-style-type: none"> <li>• Clean all pumping systems using the recommended cleaning procedure</li> <li>• Dismantle and store components</li> <li>• Return the boom to the travel position</li> <li>• Park the truck and carry out shut down and securing procedures</li> </ul>  |
| <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 slinger / signaller used to guide the operator must be certificated with a recognised in-date qualification</li> <li>• Both radio communication and hand signals can be used</li> <li>• The pumps boom must be sufficiently extended during the test</li> <li>• If travelling on the highway an appropriate drivers licence must be held by the operator</li> <li>• Material must be pumped for at least 15 min</li> <li>• If using concrete, a suitable and sufficient wash out area must be identified and used</li> </ul> |
| <b>Test timings</b>                       | <ul style="list-style-type: none"> <li>• The full test must be completed within 2hrs 15min</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>  |