

TRAINED OPERATOR ACHIEVEMENT TEST**Equipment specification**

1. Serviceable trailer mounted concrete pump that meets current legislation, having all controls clearly marked and visible, with the operator's manual.
2. An area prepared to receive poured concrete (the actual pour may be simulated).
3. A quantity of pipe sections, taper pipes and bends. Some items must be a larger and smaller diameter than given specification.
4. A quantity of additional ground lines, couplings with locking facilities, seals, packing and anchors, all with relevant safety equipment.
5. A pipeline layout specification.
6. Pipe cleaning tools and equipment.
7. A vehicle, i.e. mixer, to load (or simulate loading) the hopper.
8. Signalling assistance.

Exercise specification

The candidate is required to:

Exercise 1

1. Position the trailer in the required position and isolate the pump working area.
2. Set up the trailer according to the manufacturer's operating instructions.
3. Lay up pipe sections to a given specification, which must be for a minimum length of 10 metres.
4. On completion of item 3, disassemble and stow all equipment, ready for transport.

Exercise 2

1. Carry out full pre-start and running checks as required by the manufacturer.
2. Mix sufficient grout and line the pipes and line/placing hoses.

Exercise 3

1. Check concrete mix appearance and determine if it is pumpable prior to discharging into hopper.
2. Guide the mixer into position.
3. Confirm the code of signals with the signaller.
4. Forward pump grout/concrete to the pour location.
5. Carry out the concrete pour following signaller's instructions.
6. On completion of the pour, shut down the pump.

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