

Advanced Technical Test - Practical Vacuum Excavator - A78



AN **nocr** JOB CARD

Additional resources required

	<ul style="list-style-type: none">• None additional
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Additional activity instructions

	<ul style="list-style-type: none">• None additional
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Additional activity measurements

	<ul style="list-style-type: none">• The test must be completed within 3 hours
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Basic details

Test ref:	Candidate name:
Tester Name:	Candidate ref:
Tester ref:	Date of test:
Endorsement: A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> E <input type="checkbox"/> F <input type="checkbox"/>	Start time of test:
G <input type="checkbox"/> H <input type="checkbox"/>	
Make and model:	Duration:

Mandatory	Correctly carried out during the test?	Y/N
Preparing	1 All pre-start and running checks (or responses to relevant questions)	
	2 Remote control unit functional check (where relevant)	
Travelling	3 Restrictions cleared	
	4 Machine set for travel	
	5 Encountered hazards cleared	
Setting up	6 Allocated area checked and clear of hazards prior to each activity	
	7 Machine positioned for each activity	
	8 Exclusion zone set correctly for each activity	
	9 Exclusion zone maintained for each activity	
	10 Air and water lance connected and checked	
Working	11 Nozzle kept vertical during arm manipulation exercise	
	12 Trenches conformed to given size and within tolerances (depth, straightness and clearances)	
	13 Kept clear of underside of nozzle	
	14 Ground engaging tools used efficiently with lance aimed towards nozzle	
	15 No damage applied to underground services	
	16 Appropriate personal protective equipment worn and maintained at all times	
	17 Remote units isolated when required	
	18 Nozzle kept within segregated area	
	19 Nozzle held (by hand) above isolating area	
	20 Maintained safe situations at all times including operator positioning	
	21 Nozzle angle not exceeding safe limits during operation	
	22 Candidate clear of trench area during boom movements (hydraulically-operated units only)	
	23 Stability of the machine maintained at all times	
Completing	24 Material discharged in given area	
	25 Machine cleaned in accordance with procedures	
	26 Tools and equipment securely stowed	
	27 Area for cleaning left tidy and safe	
Shutdown	28 All shutdown and securing procedures	
Other	29 Legislation, manufacturers' and health and safety requirements complied with	
	30 Test completed within the given time	

All of these items must be awarded Achieved / Not achieved

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Faults		Candidate incorrectly carried out the following:	Fault	Mark	Penalty
Travelling	1	Machine mounting and dismounting		1	
	2	Identify information from the Operator's Manual		2	
	3	Full observation before moving		2	
	4	Full observation whilst travelling		2	
	5	Travel speed matched to the ground type and conditions		1	
	6	Minimising ground damage when turning/manoeuvring		1	
Working	7	Observation before starting work		2	
	8	Observation before slewing boom/components		1	
	9	Observation of surrounding area constantly made during work		2	
	10	Nozzle height within tolerance during exercise 1		1	
	11	Nozzle placed within given tolerances during exercise 1		2	
	12	Nozzle kept with straight line tolerance during exercise 1		1	
	13	Nozzle height kept to minimum during all exercises		1	
	14	Sideswiping material with the nozzle		1	
	15	Edges of excavation clean and clear		2	
	16	Minimal contact made with services		2	
	17	Correct function of operating controls used		2	
	18	Debris/material splatter minimised during lance use		1	
	19	Smooth use of operating controls		1	
Not exceeded five penalties			Total penalties		
Achieved / Not achieved					

Note: The following are not applicable for endorsements G and H:

- *Mandatory Items: 3, 4, 5 and 24*
- *Fault Items: 2, 3, 4, and 5.*