

Advanced technical test - Practical

Stationary concrete placing boom - A72



Resources required - Additional

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

	<ul style="list-style-type: none">• Place the end of the hose at a specified height and travel from maximum to minimum radius• Change the gasket on the 90/90 degree bend• Assistance can be provided for the changing of the gasket. The candidate remains responsible for the process and sequence of work. The Tester cannot undertake this task
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Activity measurements - Additional

Hose travel activity	<ul style="list-style-type: none">• Maximum height of 1 metre
Pour duration	<ul style="list-style-type: none">• Minimum of 30 minutes
Test timings	<ul style="list-style-type: none">• The test must collectively be completed within 1 hour and 45 minutes

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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"/>	Start time of test:
Make and model:	Duration:

Mandatory	Correctly carried out during the test?	Y/N
Preparing (Boom)	1. All pre use checks including support and stabilisation	
	2. Accessing and egressing the work platform/area	
	3. Function of emergency systems (if applicable)	
	4. Working areas checked for hazards	
	5. Boom hydraulics functional checks	
	6. Functional checks of remote operating unit	
	7. Remote box/controls isolated during preparation work	
Setting up	8. Configuration of the boom for the given working area	
	9. Boom extended to work area avoiding hazards and structures	
	10. Sequence of unfolding and folding of boom	
	11. Relevant piping selected	
	12. Piping checked for condition	
	13. Couplings compatible with, connected and locked to piping	
	14. Pipeline anchored, supported and secured	
	15. Pipeline conformed with specification	
	16. Fitment of safety strap	
	17. Arranged communicating procedure with pump operator and at pour point	
Working	18. Material pumped to required location at the given point	
	19. Operator positioning during pour	
	20. Repositioning of boom during and between pours followed given instructions	
	21. Measures taken to minimise falling material from placing hose during hose repositioning	
	22. Waste material disposed of following guidelines and regulations	
	23. Placing hose end kept at the consistent height during travel.	
	24. Boom in appropriate position for gasket change.	
	25. Gasket changed according to specification.	
	26. Clamps/safety equipment secured and checked.	
	27. 90/90 rotation checked for function following change.	
Completing work	28. Cleaning procedures followed	
Shutdown	29. Sequence of clearing blockages explained	
Other	30. All shutdown and securing procedures	
	31. Legislation, manufacturers' and health and safety requirements complied with	
	32. Test completed within the given time	

All of these items must be awarded Achieved / Not achieved

Faults	Candidate incorrectly carried out the following:	Fault	Mark	Penalty
Working	1. Full observation before starting placing work		3	
	2. Identify information from the Operator's Manual		2	
	3. Full observation during boom movements		3	
	4. Following instructions from pour point and pump operator		3	
	5. Providing instructions to the pour point and pump operator		2	
	6. Components and pipework thoroughly cleaned after use		4	
	7. Sequence of using controls		2	
	8. Smooth use of all controls		2	
Not exceeded five penalties		Total penalties		
				Achieved / Not achieved <input type="checkbox"/>