

# Advanced technical test - Practical

## Demolition Plant – D90



AN NOCN JOB CARD

### Resources required - Additional

	<ul style="list-style-type: none"><li>• Stockpile to have sufficient quantity to allow operations for minimum specified time</li><li>• Structure must be of sufficient content to allow operations for specified time and must be at least 50% of attachment's operating height.</li><li>• The load carrying vehicle must have a minimum capacity equivalent to 12 full bucket/grab loads of the machine being used for the loading activity.</li></ul>
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### Activity instructions - Additional

	<ul style="list-style-type: none"><li>• None additional</li></ul>
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### Activity measurements - Additional

<b>Travel restrictions</b>	<ul style="list-style-type: none"><li>• 600 mm (300mm for Endorsement B)</li></ul>
<b>Sorting activity (5 and 8)</b>	<ul style="list-style-type: none"><li>• To be carried out for a minimum time of 45 minutes</li></ul>
<b>Demolishing activity (7 and 8)</b>	<ul style="list-style-type: none"><li>• To be carried out for a minimum time of 1 hour</li></ul>
<b>Loading vehicle (6 and 8)</b>	<ul style="list-style-type: none"><li>• Loaded to capacity</li></ul>
<b>Test timings</b>	<ul style="list-style-type: none"><li>• The test must be completed within 2 hours</li></ul>

### Activity instructions - Additional - Endorsement F

	<ul style="list-style-type: none"><li>• None additional</li></ul>
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### Activity measurements - Additional - Endorsement F

<b>Test Timings</b>	<ul style="list-style-type: none"><li>• The test must be completed in a total time of 2 hours and 30 minutes if combining Endorsement F with Endorsements A to E, or</li><li>• the test must be completed within 40 minutes if a stand-alone test for existing cardholders adding Endorsement F only</li></ul>
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**Note:** The lifting operations activities must properly planned by a competent person following the requirements detailed in the Lifting Equipment and Lifting Operations regulations (LOLER) 1998.

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## Basic details

Test ref:	Candidate name:
Tester ref:	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"/>	Start time of test:
F <input type="checkbox"/>	
Make and model:	Duration:

Mandatory	Correctly carried out during the test?	Y/N
<b>Preparing</b>	1. All pre-start and running checks (or responses to relevant questions)	
<b>Travelling</b>	2. Restrictions cleared	
	3. Machine set for travel	
	4. Encountered hazards cleared	
	5. Boom/dipper arm position when ascending and descending inclines	
	6. Faced direction of travel whilst travelling	
<b>Setting up</b>	7. Allocated area checked and clear of hazards prior to carrying out the activity	
	8. Positioned and set for the activity	
<b>Working tasks (attachment)</b>	9. Machine disabled prior to disconnecting hydraulic hoses	
	10. Hoses removed and fitted following required sequence	
	11. Attachment prepared/positioned/supported prior to removal and fitting	
	12. Attachment removed and fitted following required sequence	
	13. Checked attachment was secure prior to use	
<b>Working tasks (demolishing) (Endorsements B, C, D and E)</b>	14. Functional check carried out prior to use	
	15. Checked exclusion area for size and security	
	16. Maintained check on effectiveness of exclusion zone during work	
	17. Structure demolished following method statement and given instructions	
	18. Sequence of hydraulic controls	
<b>Working tasks (sorting)</b>	19. Smooth use of all controls	
	20. Maintained stability of the machine	
	21. Material sorted and stockpiled into like materials	
	22. Complied with environmental requirements	
<b>Working tasks (loading)</b>	23. Sequence of hydraulic controls	
	24. Smooth use of all controls	
	25. Materials loaded as per given specification	
	26. Sequence of hydraulic controls	
<b>Shutdown</b>	27. Smooth use of all controls	
	28. Vehicle evenly loaded but not overloaded	
	29. Working areas safe and secure after work	
<b>Other</b>	30. All shutdown and securing procedures	
	31. Legislation, manufacturers' and health and safety requirements complied with	

All of these items must be awarded  Achieved / Not achieved

## Faults

	Candidate incorrectly carried out the following:	Fault	Mark	Penalty
<b>Travelling</b>	1. Machine mounting and dismounting		1	
	2. Identify information from the Operator's Manual		2	
	3. Full observation before moving		3	
	4. Full observation whilst travelling		2	
	5. Observation before slewing upper structure		2	
	6. Drive sprockets kept to the rear when travelling		1	
	7. Travel speed matched to the ground type and conditions		1	
	8. Tight turns avoided when travelling		1	
<b>Working</b>	9. Material cleanly placed into the loading vehicle		2	
	10. Contact with vehicle avoided when loading		3	
	11. Use of track controls		2	

Not exceeded five penalties  Total penalties

Achieved / Not achieved

# Advanced technical test - Practical Demolition Plant – D90



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## Basic details – Endorsement F

Test ref:	Candidate name:
Tester ref:	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"/>	Start time of test:
F <input type="checkbox"/>	
Make and model:	Duration:

Mandatory	Correctly carried out during the test?	Y/N
<b>Preparing</b>	32. All pre-start and running checks (or responses to relevant questions)	
<b>Travelling with load</b>	33. Machine set for travel	
	34. Encountered hazards cleared	
	35. Boom/dipper arm position when ascending and descending inclines	
	36. Faced direction of travel when moving	
<b>Setting up</b>	37. Allocated area checked and clear of hazards prior to lifting activity	
	38. Communication arrangements confirmed with slinger/signaller	
	39. Machine positioning prior to lifting loads	
	40. Machine level prior to lifting and placing loads	
<b>Lifting operations</b>	41. No contact between load and machine and/or other obstructions	
	42. Lifted, moved and lowered load in a controlled manner	
	43. Route assessed and travelled with the slung load in a controlled manner	
	44. Instructions conformed with	
	45. Stability of the machine maintained at all times	
	46. SWL not exceeded at any time	
	47. Load remains freely suspended (except during lifting and placing)	
	48. Machine controls isolated when loads being attached/disconnected	
	49. Personnel clear of the 'danger' zone when lifting and moving loads	
<b>Shutdown</b>	50. All shutdown and securing procedures	
<b>Other</b>	51. Legislation, manufacturers' and health and safety requirements complied with	
	52. 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
<b>Travelling with load</b>	12. Machine mounting and dismounting		1	
	13. Identify information from the Operator's Manual		2	
	14. Full observation before moving		2	
	15. Full observation whilst travelling with suspended load		2	
	16. Observation before slewing upper structure		2	
	17. Drive sprockets kept to the rear when travelling		1	
	18. Travel speed matched to the ground type and conditions		1	
	19. Minimising ground damage when turning with suspended load (tracked machines only)		1	
	<b>Lifting operations</b>	20. All loads vertically lifted (load not dragged)		2
21. Each load lifted clear of surface and checked for integrity			1	
22. Load swings minimised during travel and static lifts			2	
23. Keeping load height within given tolerance			1	
24. All loads placed at given points within the given tolerance			3	
25. Use of steering/hydraulic controls			1	
<b>Not exceeded five penalties</b>		<b>Total penalties</b>		
				Achieved / Not achieved

- **Mandatory Items 32, 50 and Item 11 in the faults section need not be marked if combining Endorsement F with Endorsements A to E.**
- **Existing CPCS cardholders holding category D90 seeking Endorsement F need to be measured against all marking items in Endorsement F.**
- **Mandatory Item 48 – If the candidate does not isolate the operating controls during the load attaching/detaching activity, the tester must immediately inform the candidate to do so. The candidate has the option to continue the test but be informed they have not achieved on the test at this time.**