

073206T4BLD

BUILDING TECHNICIAN LEVEL 6

CON/OS/BUT/CR/10/6

Install Building Doors and Windows

July/August 2025



**TVET CURRICULUM DEVELOPMENT, ASSESSMENT AND CERTIFICATION
COUNCIL (TVET CDACC)**

PRACTICAL ASSESSMENT

INSTRUCTIONS TO THE ASSESSOR

1. Assess the candidate as the practical progresses observing the critical areas
2. You are required to mark the practical as the candidate perform the tasks
3. You are required to take video clips at critical points
4. Ensure the candidate has a name tag and registration code at the back and front

OBSERVATION CHECKLIST

Candidate's Name & Registration Code			
Assessor's Name & Registration Code			
Venue of Assessment			
Date of Assessment			
Items to be Evaluated: <i>Please award marks as appropriate. Give a brief comment on your observation.</i>	Marks Available	Marks Obtained	Comments
TASK 1: FABRICATE AND FIX THE DOOR FRAME AS PER WORKING DRAWING.			
1. Wore Personal Protective Equipment in line with the task to be conducted. <ul style="list-style-type: none"> • Safety boot. • Dust coat/Overall • Dust mask <i>(Award 1 Mark or zero)</i>	3		
2. Fabricated the door frame <i>(Award 2 marks or zero)</i>	2		
3. Confirmed the door opening is the correct size. <i>(Award 2 marks or zero)</i>	2		
4. Nailed the door frame to the door opening <i>(Award 2 marks or zero)</i>	2		
Sub-Total 1	9		
TASK 2: FIX THE FLUSH DOOR ONTO THE DOOR FRAME.			

5. Lifted the door into the door frame opening to confirm it is the correct fitting. <i>(Award 2 marks or zero)</i>	2		
6. Marked the position of the butt hinge on the door frame as per working drawing <i>(Award 2 marks or zero)</i>	2		
7. Nailed the butt hinge on the door frame <i>(Award 2 marks or zero)</i>	2		
8. Marked the position of the butt hinge on the door as per working drawing <i>(Award 2 marks or zero)</i>	2		
9. Lifted the door into the door frame opening to confirm the hinges marked on the door align to the hinges on the door frame. <i>(Award 2 marks or zero)</i>	2		
10. Use shims at the base to adjust height if needed. <i>(Award 2 marks or zero)</i>	2		
11. Use a level to ensure the door is plumb. <i>(Award 2 marks or zero)</i>	2		
12. Slightly nailed the butt hinge into door on the door frame. <i>(Award 2 marks or zero)</i>	2		

13. Adjusted the door vertically using the shim and hinges. <i>(Award 2 marks or zero)</i>	2		
14. Firmly nailed the butt hinge into door on the door frame. <i>(Award 2 marks or zero)</i>	2		
Sub-Total 2	20		
TASK 3: APPLY TWO COATS OF WOOD VARNISH FINISHING TO THE DOOR FRAME AND DOOR.			
15. Mixed the varnish and turpentine as per instructed ratios <i>(Award 2 marks or zero)</i>	2		
16. Applied the first varnish coat using a brush (along the grain). <i>(Award 2 marks or zero)</i>	2		
17. Let the first coat dry. <i>(Award 2 marks or zero)</i>	2		
18. Lightly sanded the timber with fine-grit sandpaper. <i>(Award 2 marks or zero)</i>	2		
19. Applied the second coat. <i>(Award 2 marks or zero)</i>	2		
Sub-Total 3	10		
PRODUCT CHECKLIST			
A PROPERLY FIXED FLUSH DOOR WITH A VARNISHED FINISH			
Frame	Marks Available	Marks Obtained	Comments
20. Interpretation <i>(Award 2 Marks or zero)</i>	2		

21. Plumbness <i>(Award 2 Marks or zero)</i>	2		
22. Square <i>(Award 2 marks or zero)</i>	2		
23. flush to wall (no gaps) <i>(Award 2 marks or zero)</i>	2		
24. Firmness <i>(Award 2 Marks or zero)</i>	2		
25. Dimensions: 650 x 300, 150, 150 <i>(Award 1 Mark or zero for each correct dimension)</i>	3		
Sub-Total 4	13		
Butt hinge	Marks Available	Marks Obtained	Comments
26. Nailing <i>(Award 2 Marks or zero)</i>	2		
27. Firmness <i>(Award 2 Marks or zero)</i>	2		
28. Flush <i>(Award 2 Marks or zero)</i>	2		
Sub-Total 5	6		
Door	Marks Available	Marks Obtained	Comments
29. Plumbness <i>(Award 2 Marks or zero)</i>	2		
30. Square <i>(Award 2 marks or zero)</i>	2		
31. Smooth opening/closing <i>(Award 2 marks or zero)</i>	2		

32. Consistent Gaps Around Door(around 2–3mm) <i>(Award 2 Marks or zero)</i>	2		
Sub-total 6	8		
Varnish	Marks Available	Marks Obtained	Comments
33. Smooth and consistent <i>(Award 2 marks or zero)</i>	2		
34. No visible Drips <i>(Award 2 Marks or zero)</i>	2		
35. No dust particles, hair, or air bubbles <i>(Award 2 Marks or zero)</i>	2		
36. Coverage <i>(Award 2 Marks or zero)</i>	2		
37. Dry <i>(Award 1 Mark or zero)</i>	1		
Sub-Total 7	9		
GRAND TOTAL	85		
ASSESSMENT OUTCOME			
<p>The candidate was found to be:</p> <p style="text-align: center;">Competent <input type="checkbox"/> Not yet Competent <input type="checkbox"/></p> <p><i>(Please tick as appropriate)</i></p> <p><i>(The candidate is competent if the candidate obtains at least 50%)</i></p>			
Feedback from the Candidate:			

Feedback to the Candidate:	
Candidate Signature	Date:
_____	_____
Assessor's Signature	Date
_____	_____

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