

073206T4BLD

BUILDING TECHNICIAN LEVEL 6

CON/OS/BUT/CR/05/6

Execute Substructure Works

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: Set out using 3-4-5 method the provided working drawing, fix profile boards and mark excavation lines.			
1. Wore correct PPE's <ul style="list-style-type: none"> • <i>Helmet</i> • <i>Dust coat/overall</i> • <i>Safety boots</i> <i>(Award 1 mark or zero for each 3 correctly donned PPE)</i>	3		
2. Interpreted working drawing correctly <i>(Award 2 marks or zero for correct interpretation)</i>	2		
3. Identified and assembled correct tools and equipment. <ul style="list-style-type: none"> • Claw Hammer • Tape measure • Mason square • Builder's line 	2		

<i>(Award ½ mark or zero for each)</i>			
<p>4. Set out the building</p> <ul style="list-style-type: none"> • Established one corner • Used 3-4-5 Method to set out the other three corners <p><i>(Award 2 marks or zero marks for each corner)</i></p>	8		
<p>5. Transferred measurement from drawing to the ground.</p> <ul style="list-style-type: none"> • 2400mm • 1200mm <p><i>(Award 1 mark or zero for each correct dimension)</i></p>	4		
<p>6. Fixed pegs in each corner</p> <p><i>(Award 1 mark or zero mark for each fixed peg)</i></p>	4		
<p>7. Confirmed Diagonals</p> <p><i>(Award 2 marks or zero for each correct diagonal)</i></p>	4		
<p>8. Established excavation lines.</p> <p><i>(Award 1 mark or zero for side)</i></p>	4		
<p>9. Used lime to mark excavation lines</p> <p><i>(Award 1 mark or zero for marking in each side)</i></p>	4		
Sub-Total 1	35		
TASK 2: Install foundation walling formwork of 6'' x 1'' along one width and half-length of one side			
<p>10. Assembled 6'' x 1'' timber</p> <p><i>(Award 1 mark or zero)</i></p>	1		
<p>11. Erected formwork for foundation</p>	8		

walling. <ul style="list-style-type: none"> • 1200mm • 1200mm <i>(Award 2 marks or zero for each side)</i>			
12. Joined timbering. <ul style="list-style-type: none"> • Corner Joint <i>(Award 2 marks or zero marks for joint)</i>	2		
13. Provided support to form work. <ul style="list-style-type: none"> • 3 Bracings along length <i>(Award 1 mark or zero marks for each bracing)</i>	3		
14. Completed work <ul style="list-style-type: none"> • 100% • 75% • 50% • 25% <i>(Award 4 marks for complete project, 3 marks for 75% completion, 2 marks for 50% completion and 0 for less than 25%)</i>	4		
Sub-Total 2	18		
PRODUCT CHECKLIST			
15. Squareness <ul style="list-style-type: none"> • Working area (four corners) <i>(Award 1 mark or zero for each corner)</i> <ul style="list-style-type: none"> • Formwork (four corners) 	4		

<i>(Award 1 mark or zero for each corner)</i>	4		
16. Measurement. <ul style="list-style-type: none"> • Working area (2400mm x 1200mm) <i>(Award 1 mark or zero for each for correct dimension)</i> • Formwork (1200mmx1200mm) <i>(Award 1 mark or zero for each for correct dimension)</i> 	4		
17. Diagonals in the working area <i>(Award 1 mark or zero for each for correct diagonal)</i>	2		
Sub-Total 3	18		
GRAND TOTAL	71		

ASSESSMENT OUTCOME

The candidate was found to be:

Competent

Not yet Competent

(Please tick as appropriate)

(The candidate is competent if the candidate obtains at least 50%)

Feedback from the Candidate:

Feedback to the Candidate:

Candidate Signature _____	Date: _____
Assessor's Signature _____	Date _____

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