

073206T4BLD

BUILDING TECHNICIAN LEVEL 6

CON/CU/BUT/CR/05/6/A

Execute Substructure Works

Nov/Dec 2024



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

PRACTICAL ASSESSMENT

OBSERVATION CHECKLIST

Candidate's Name & Registration Code			
Assessors 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 A RECTANGULAR BUILDING OF 3M X 3M USING 3 4 5 METHOD			
1. Identified and used PPEs appropriately. <ul style="list-style-type: none"> • Dust coat • Helmet <i>(Award one mark for each PPE worn as per workplace procedures)</i>	2		
2. Located and marked the first corner using a peg <i>(Award two marks for properly executed task)</i>	2		

3. Measured first length of the building onto the ground and marked the second corner of the building using a peg <i>(Award two marks measuring and two marks for marking the second corner)</i>	4		
4. Set out a perpendicular at the first corner using the 3-4-5 method <i>(Award two marks for properly executed task)</i>	2		
5. Measured other lengths of the building from the first corner and marked using a peg the third corner <i>(Award two marks measuring and two marks for marking the third corner)</i>	4		
6. Set out and marked the last corner using the 3-4-5 method <i>(Award two marks for setting out the last corner and two marks for marking the fourth corner)</i>	4		
7. Checked the diagonals to confirm if the plan is truly rectangular. <i>(Award two marks for properly executed task)</i>	2		
Sub-total 1	20		
TASK 2: MARKED THE FOUNDATION PROFILE LINE ON THE GROUND			
8. Set up profile boards for each corner. <i>(Award two marks for proper setting of profile boards for each corner)</i>	8		
9. Measured and marked the width of the wall and foundation on the profile boards using nails. <i>(Award one marks for correct marking of wall width on each profile board and one mark for correct marking of foundation width on each profile board)</i>	16		
10. Connected the width of the foundation of each adjacent profile board using a builder's line.	4		

<i>(Award two marks for properly executed task across each length)</i>			
11. Marked using lime the foundation profile lines on the ground <i>(Award two marks for properly executed task across each length)</i>	4		
Sub-total 2	32		
PRODUCT CHECKLIST			
12. Squareness of plan <ul style="list-style-type: none"> • Check using diagonal method <i>(Award two marks correct square)</i>	2		
13. Profile boards <ul style="list-style-type: none"> • 1200mm away from each corner • A height of 500mm above ground • Horizontally level • Firmness <i>(Award marks as per the mark allocated)</i>	2 4 4 4		
14. Dimensions <ul style="list-style-type: none"> • Linear (± 50 mm) <ul style="list-style-type: none"> ➤ (3,000 x 4) mm <i>(Award two marks for each correct measurement)</i>	4 4		
15. Foundation trench line <ul style="list-style-type: none"> • Visible marks along all lengths • Width along all lengths <ul style="list-style-type: none"> ➤ (3,000 x 4) mm <i>(Award marks as per the mark allocated)</i>	4 4		
Sub total	32		
GRAND TOTAL	84		

ASSESSMENT OUTCOME	
The candidate was found to be: Competent <input type="checkbox"/> Not yet competent <input type="checkbox"/> <i>(Please tick as appropriate)</i> <i>(The candidate is competent if the candidate obtains at least 50%)</i>	
Feedback from candidate: 	
Feedback to candidate: 	
Candidate's Signature -----	Date -----
Assessor's Signature -----	Date -----