

073206T4BLD

BUILDING TECHNOLOGY LEVEL6

CON/OS/BUT/CR/05/6/A

Execute Substructure Works

March/April 2025



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

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PRACTICAL ASSESSMENT

INSTRUCTIONS TO 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: Set out a building using builder's square method with a cast strip footing			
1. Donned Personal protective gears (dustcoat, helmet, safety boots,) <i>(Award 1mark or zero for any three donned PPE)</i>	3		
2. Prepared the Ground <i>(Award 2 marks or zero for ground preparation)</i>	2		
3. Set out an area of 600mmx1200mm using builder's square method <i>(Award 1 mark or zero for each side dimension)</i>	4		
4. Marked excavation lines using Lime <i>(Award 2 marks or zero for marked lines)</i>	2		
5. Designed and assembled formwork <i>(Award 1mark x 4 or zero sides for joining)</i>	4		
6. Mixed concrete and casted blinding layer <i>(award 2 marks or zero for correct mixing and 2 marks for casting)</i>	4		
7. Mixed and casted mass concrete. <ul style="list-style-type: none"> • Batching <i>(Award 2 marks or zero for batching)</i> • Mixing <i>(Award 2 marks or zero for mixing)</i> 	10		

<ul style="list-style-type: none"> • Casting (Award 3 marks or zero for correct casting) • Compaction (Award 3 marks for compacting) 			
8. Mixed mortar for the foundation wall <ul style="list-style-type: none"> • Batching (Award 2 marks or zero for batching) • Mixing (Award 2 marks or zero for mixing) 	4		
9. Constructed the foundation wall (Award 3 marks for foundation wall construction)	3		
10. Cleaned tools and working area (Award 1 or zero for cleaned tools and 1 mark for cleaned working area)	2		
Sub Total 1	38		
PRODUCT CHECKLIST			
11. Setting out <ul style="list-style-type: none"> • Squareness (Award any 2 sides x 1 mark each= 2 Marks) • Diagonals (Award any 2 diagonals x 1 mark each= 2 Marks)) 	4		
12. Strip foundation dimensions (600mm, 1200mm) (Award 2 marks or zero for two dimensions)	4		
13. Strip foundation <ul style="list-style-type: none"> • Horizontal level (Award any 4 points x 1 mark each= 4 Marks) 	8		

<ul style="list-style-type: none"> • Appearance, Check for segregation. 4 Marks) <p>(Award 6 marks or zero for good appearance on the surfaces)</p>			
<p>14. Foundation wall</p> <ul style="list-style-type: none"> • Horizontal level (Award any 4 points x 1 mark each= 4 Marks) • Plumbness= Award two marks or zero) • Dimensions (600mm, 1200mm, 840mm,100mm, 50mm)-Award one mark or zero for any four=4 Marks) 	10		
<p>15. Completeness</p> <p>100% complete-award 4 marks 75% complete-award 3 marks 50% complete-award 2 marks Below 50% -0</p>	4		
Sub Total 2	30		
TOTAL	68		
<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>(Please tick as appropriate)</p> <p><i>(The candidate is competent if the candidate obtains at least 50%)</i></p>			
<p>Feedback from candidate:</p>			
<p>Feedback to candidate:</p>			

Candidate's Signature -----	Date -----
Assessor's Signature -----	Date -----

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