

**073206T4BLD**

**BUILDING TECHNICIAN LEVEL 6**

**CON/OS/BUT/CR/09/6A**

**INSTALL BUILDING SERVICES**

**Nov/Dec 2023**



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

**PRACTICAL ASSESSMENT**

**Time: 6 Hours**

**INSTRUCTIONS TO THE ASSESSOR**

1. You are required to mark the practical as the candidate performs the task.
2. You are required to take video clips at critical points.
3. Ensure that the candidate has a name tag and a registration code at the back and front.
4. Award marks accordingly as indicated in the observation and product check list.

## OBSERVATION CHECKLIST

<b>Candidate's name &amp; Registration No.</b>			
<b>Assessor's name &amp; Reg. code</b>			
<b>Unit(s) of Competency</b>			
<b>Venue of Assessment</b>			
<b>Date of assessment</b>			
<b>Items to be evaluated:</b> <i>Please award marks as appropriate.</i> <i>Give a brief comment on your observation.</i>	<b>Marks available</b>	<b>Marks obtained</b>	<b>Comments</b>
1. Wore safety clothing (Overall, gloves, safety shoes, safety helmet) <i>(Award 1 mark for any 2 PPE won as per workplace procedures)</i>	2		
2. Properly handled of tools <i>(Award 2 marks or zero)</i>	2		
3. Observed colour code <i>(Award 2 marks or zero)</i>	2		
4. Drew wiring diagram as per layout diagram <i>(Award 2 marks or zero)</i>	2		
5. Accurate measurements $\pm 2mm$ (300,260,200,300,300,380,370) <i>(Award 1 mark for each correct measurement or zero)</i>	7		
6. Fixed components (firm and level) <i>(Award max 2 marks or zero)</i>	2		
7. Fixed cable runs (straight and flat on surface) i. Vertical <i>(Award any 4 x 1)</i> ii. Horizontal <i>(Award any 2 x 1)</i>	4 2		
8. Cable bends 90 <sup>0</sup> (flat and smooth) <i>(Award any 2 marks or zero)</i>	2		

9. Uniform spacing of buckle clips <i>(Award any 2 marks or zero)</i>	2		
10. Connected circuit correctly at; i. CCU ii. Switches <i>(Award max 3 marks each or zero)</i>	3 3		
11. Performed polarity test <i>(Award max 2 marks or zero)</i>	2		
12. Performed Continuity test <i>(Award max 2 marks or zero)</i>	2		
13. Performed earthing <i>(Award max 2 marks or zero)</i>	2		
14. Correct circuit operation i. Lighting <i>(Award max 4 marks or zero)</i>	4		
15. Completeness <i>(Award max 2 marks or zero)</i>	2		
<b>GRAND TOTAL</b>	<b>50</b>		
<b>The candidate was found to be:</b> (Please tick (√) as appropriate)			
Competent <input type="checkbox"/>		Not yet competent <input type="checkbox"/>	
<i>(The candidate is competent if s/he gets scores 50% of marks allocated.)</i>			
<b>Feedback from candidate:</b>			
<b>Feedback to candidate:</b>			
<b>Candidate's signature:</b>	<b>Date</b>		
<b>Assessor's signature:</b>	<b>Date</b>		