

073206T4BLD

BUILDING TECHNOLOGY LEVEL 6

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

Install Building Services

March/April 2025



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

easytvet.com

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			
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
1. Donned PPE during installation. <ul style="list-style-type: none"> • <i>Helmet</i> • <i>Gloves</i> • <i>Dustcoat/overall</i> • <i>Safety boots</i> <i>(Award 1 mark or zero for each worn PPE)</i>	4		
2. Marked the board as per working drawing. <i>(Award 2 marks or zero for each correct interpretation)</i> <i>(Award 3 marks or zero for each marking)</i>	5		
4. Aligned switch, bulb holder and meter box. <i>(Award 1 mark or zero for alignment of each)</i>	3		
5. Secured switch, bulb holder and meter box. <i>(Award 1 mark or zero for securing of each)</i>	3		
6. Neatly routed the wires through conduits. <i>(Award 1 mark or zero for each neat routing through the conduit)</i>	3		
7. Color coded the wires (live, neutral, earth). <i>(Award 1 mark or zero for each coding)</i>	3		
8. Termination of wires in socket, switch and bulb holder.	6		

<i>(Award 2 marks or zero for each termination)</i>			
9. Confirmed that the switch lighted up the bulb <i>(Award 2 marks or zero for a lit bulb)</i>	2		
Sub-Total 1	29		
PRODUCT CHECKLIST			
9. Installation board setup: <ul style="list-style-type: none"> • All components are fixed securely without damage. • Conduits are aligned and fixed with clips. <i>(Award 2 marks or zero for each)</i>	4		
10. Electrical wiring: <ul style="list-style-type: none"> • Connections to the meter box and components. • No loose wires or improper terminations. <i>(Award 2 marks or zero for each)</i>	4		
11. Functionality test: <ul style="list-style-type: none"> • Bulb lights up when switched on. • Switch supply power when tested. <i>(Award 2 marks or zero for each)</i>	4		
12. Overall finish: <ul style="list-style-type: none"> • Neatness of work. • Absence of unnecessary gaps or exposed wires. <i>(Award 2 marks or zero for each)</i>	4		
13. Project completeness: <ul style="list-style-type: none"> • 1 mark for < 50 % • 2 marks for ≥ 75 % • 3 marks for 100% 	3		

<i>(Award 3 marks for complete project, 2 marks for 75% completed and 1 for 50% or zero)</i>			
Sub-Total 2	19		
GRAND TOTAL	48		
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	
_____		_____	