

061906T4TEL

TELECOMMUNICATION ENGINEERING LEVEL 6

ENG/OS/TLE/CR/01/6/A

Perform Electrical Installation

July/August 2025



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

PRACTICE ASSESSMENT
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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 performs 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

This paper consists of FIVE (5) printed pages.

**Assessor should check the assessor guide to ascertain that
all pages are printed as indicated and that no page is missing.**

Candidate's name & Registration Code:			
Assessor's name & Registration Code:			
Units(s) of Competency:			
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
OBSERVATION CHECKLIST			
1. Wore personal protective equipment			
a) Dustcoat/overall (<i>award 1 mark or 0</i>)	1		
b) Safety boots (<i>award 1 mark or 0</i>)	1		
2. Applied good housekeeping practice			
a) Ensured clean working area before beginning working. (<i>Award 1 or 0</i>)	1		
b) Tidy working area arrangement (<i>Award 1 or 0</i>)	1		
c) Proper Waste disposal (<i>Award 1 or 0</i>)	1		
Subtotal	5		
PRODUCT CHECKLIST			
TASK 1			

3. Drew wiring diagram as per layout design: <i>a) At the C.C.U (Award 2 or 0)</i> <i>b) Main earth terminal (Award 2 or 0)</i> <i>c) Lighting (Award 4 or 0)</i> <i>d) Power sockets (Award 4 or 0)</i>	2 2 4 4		
Subtotal	12		
TASK 2			
4. Installed and wired final circuits: <i>a) Good utilization of the installation board</i> <i>i) Layout (Award 1 or 0)</i> <i>ii) Measurements $\pm$ 2mm (Award any 1 x 6)</i> <i>b) Fixed Sheathed cable flat on the surf</i> <i>i) Horizontal. (Award 1 or 0)</i> <i>ii) Vertical. (Award 1 or 0)</i> <i>c) Spaced cable clips uniformly (Award 1 or 0)</i> <i>d) Fixed components</i> <i>i) Level. (Award any 1 x 4)</i> <i>ii) Firmness. (Award any 1 x 4)</i>	1 6 4 4		
Subtotal	18		
TASK 3			
5. Correct circuit termination at: <i>a) C.C.U (Award 2 or 0)</i> <i>b) Lamps (Award 2 or 0)</i>	2 2 2		

c) Switches (<i>Award 2 or 0</i>)	2		
d) Socket outlets (<i>Award 2 or 0</i>)			
Subtotal	8		
TASK 4			
6. Tested the circuit;			
a) Continuity test (<i>Award 3 or 0</i>)	3		
b) Polarity test on the lighting circuit (<i>Award 3 or 0</i>)	3		
7. Correct circuit operation:			
a) Lighting (<i>Award 5 or 0</i>)	5		
b) Power (<i>Award 5 or 0</i>)	5		
Subtotal	16		
GRANDTOTAL	59		
$\frac{x}{59} \times 100$			
ASSESSMENT OUTCOME			
The candidate was found to be: Competent ☐ Not yet competent ☐ (Please tick as appropriate) <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
_____	_____

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