

071306T4ELC

ELECTRONICS TECHNICIAN LEVEL 6

ENG/OS/ET/CR/01/6/A

Perform Electrical Installation

Nov/Dec 2024



TVET CURRICULUM DEVELOPMENT
COUNCIL

ASSESSMENT AND CERTIFICATION
COUNCIL (ACC)

PRACTICE

ENT

OBSERVATION CHECKLIST

Candidate's Name & Registration Code			
Assessors Name & Registration Code			
Venue of Assessment			
Date of assessment			
Items to be evaluated: (Award appropriate marks for each item evaluated)	Marks allocated	Marks obtained	Comments
OBSERVATION CHECKLIST			

1. Wore Personal Protective Equipment - Dustcoat/Overall (Award 1 or 0) - Safety boots (Award 1 or 0)	1 1		
2. Applied good housekeeping practice - Ensured clean working area before beginning working. (Award 1 or 0) - Tidy working area arrangement (Award 1 or 0) - Proper Waste disposal (Award 1 or 0)	1 1 1		
3. Observed colour code (Award 1 or 0)	1		
4. Used correct tool for correct purpose (Award 2 or 0)	2		
5. Drew wiring diagram as per layout diagram - At the solar controller and battery - CCU to lighting and switch (Award - CCU to sockets spur (Award 1 or 0 socket) - For earthing terminal (Award 1 or 0)	3 3 3 1		
6. Installed and wired the final circuits correctly. - Good utilization of the installation board Layout (Award 1 or 0) - Measurements $\pm 2\text{mm}$ (Award any 6 x 1) - Fixed components - Level (Award any 4 x 1) - Firmness (Award any 4 x 1)	1 6 4 4		
7. Fixed Sheathed cable flat on the surface - Horizontal (Award 2 or 0) - Vertical (Award 2 or 0)	2 2		
8. Spaced Cable clips uniformly (Award 1 or 0)	1		
9. Terminated cable correctly (twisted, folded firm and not nicked) and correct circuit connections at:			

(a) Controller unit (<i>Award 2 or 0</i>)	2		
(b) CCU	2		
(c) sockets (<i>Award 2 or 0</i>)	2		
(d) switch (<i>Award 2 or 0</i>)	2		
(e) Lights (<i>Award 2 or 0</i>)	2		
10. Performed;			
i. Continuity test (<i>Award 2 or 0</i>)	2		
ii. Polarity test (<i>Award 2 or 0</i>)	2		
11. Correct circuit operation (<i>Award 3 marks</i>)	3		
Sub – Total	7		
GRAND TOTAL	55		
Percentage = $\frac{x}{55} \times 100$			
ASSES		COMES	
The candidate was found to be: (Please tick te)			
Competent ☐	Not yet competent ☐		
(The candidate is competent if s/he gets 50% of the marks)			
Feedback from candidate:			
Feedback to candidate:			
Candidate's signature:	Date:		
Assessor's signature:	Date:		

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