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071305T4EOP

ELECTRICAL OPERATION (POWER OPTION) LEVEL 5

ENG/OS/PO/CR/02/5

Install Electrical Power Lines

July/August 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			
Assessors Name & Registration Code			
Venue of Assessment			
Date of Assessment			
Items to be Evaluated: *Please award marks as appropriate. Give a brief comment on your observation.*	**Marks Available**	**Marks Obtained**	**Comments**
Wore the PPEs: gloves, overall, helmet. (**Award 1 mark for each correct PPEs**)	**3**		
Subtotal 1	**3**		
TASK 1			
Dug the pole hole to the right depth of 6'Pole *(Award 3 x 1)* Dug the stay hole to the right depth of 6' (*Award 4 x 1)*	**3** **4**		
used the tools. **(Award 2 x 1)**	**2**		
Subtotal 2	**9**		
TASK 2			
Drilled the holes on the pole **(Award 4 x 1)**	**4**		
Correct use of hand drill **(Award 1 or 0)**	**1**		
Subtotal 3	**5**		
TASK 3			

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Erected the pole: i. Pole stability, ii. Angle, iii. Depth, iv. Alignment (**Award 1 mark or 0**)	**1** **1** **1** **1**		
Sub-Total 4	**4**		
TASK 4			
Assembled and installed the stay assembly i. Wire, ii. Stay Insulator iii. Stay rod iv. Stay block, v. Bolt vi. Nut. (**Award 1 or 0 mark for each**)	**1** **1** **1** **1** **1** **1**		
Sub-Total 5	**6**		
TASK 5			
Fixed the shackle insulators (**Award 4 or 1 marks**)	**4**		
Secured self by use of ropes while climbing the pole (**Award 2 or 1 marks**)	**2**		
Installed the Earthing system. i. Earth rod, ii. Correct size of wire, iii. Correct type of wire, iv. Firmly terminated the earth wire to the rod. (**Award 1 or 0 mark for each**)	**1** **1** **1** **1**		

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Used the climbers . **(Award 4 or 0)**	**4**		
Sub-Total	**18**		
GRAND TOTAL	**45**		

ASSESSMENT OUTCOME

The candidate was found to be:

Competent ☐ Not yet Competent ☐

(Please tick as appropriate)

(The candidate is competent if the candidate obtains at least 50%)

Feedback from the Candidate:

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Feedback to the Candidate:

Candidate Signature **Date:**

_____ _____

Assessor's Signature **Date**

_____ _____