

071306T4EEN

ELECTRICAL ENGINEERING (POWER OPTION) LEVEL 6

ENG/OS/PO/CR/03/6

Install Electrical Machine

July/August 2025



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

CUTTING LIST

S/NO	ITEMS	QUANTITY (per candidate)	PROVIDED BY
1.	3-phase Induction Motor 415 V, 50 Hz	1	Institution
2.	Contactor 3-pole, 415 V AC Coil	3	
3.	Auxiliary contactor	2	
4.	Timer (On-delay) 0–10 sec, 415 VAC	1	
5.	Thermal Overload Relay Range 7–13 A	1	
6.	Triple pole	1	
7.	Start - Stop Push Button	2	
8.	PVC singles R/B/G (4.0 mm ²) cable	4 m	
9.	PVC singles R/B/G (2.5 mm ²) cable	4 m	
10.	Labels/ Tags		
11.	12mm Cable clips	1 pkt	

12.	Vertical Installation wooden board	1m by 1m	
13.	3 Phase Isolator	1	
14.	Cable Fork Lugs -4.0mm, 2.5mm	Enough	
15.	Lug crimping tool	1	
16.	Electrician toolkit	1 set	Candidate
17.	PPE (Boots, dustcoat/overall, safety boots etc.)	1 set	

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ELECTRICAL ENGINEERING (POWER OPTION) LEVEL 6

ENG/OS/PO/CC/04/6

Prepare and Interpret Technical Drawing

July/August 2025



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CUTTING LIST

S/NO	ITEMS	QUANTITY (per candidate)	PROVIDED BY
1.	Computer with CAD software installed	1	Institution
2.	Printing papers size A4	2 sheets	
3.	Drawing paper size A2	2 sheets	
4.	Drawing room		
5.	Masking tape	shared	
6.	Printer	shared	
7.	<i>Drawing board</i>	1	Candidate
8.	<i>T-square</i>	1	
9.	<i>HB and 2H/3H/4H Pencils</i>	1	
10.	<i>Set squares (30⁰ and 60⁰)</i>	1	
11.	<i>30 cm ruler</i>	1	
12.	<i>Eraser</i>	1	
13.	<i>Sharpener</i>	1	
14.	<i>Engineering drawing set</i>	1	

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