

071605T4MCT**MECHATRONICS TECHNOLOGY LEVEL 5****ENG/OS/MC/CR/01/5****Install Mechatronic Systems****July/August 2025**

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

CUTTING LIST

No	ITEM	QUANTITY (Per Candidate)	PROVIDED BY
1.	PLC (minimum 6 I/Os)	1	Institution
2.	24V dc power supply	1	
3.	240V ac power supply	1	
4.	Proximity sensor, 24vdc (NPN or PNP)	1	
5.	Double-acting pneumatic cylinder	1	
6.	5/2 solenoid valve (24VDC)	1	
7.	Air compressor with FRL unit	1	
8.	LED lamp (24VDC)	1	
9.	Mode selector switch (2-position)	1	
10.	Push button (NO)	2	
11.	Circuit breaker (6A–10A)	1	
12.	Electrical wires	As required	
13.	PLC programming cable and PC	1	
14.	Computer that is installed with appropriate programming software	1	