

071506T4MTM

MECHANICAL TECHNOLOGY AND MAINTENANCE TECHNICIAN LEVEL 6

ENG/OS/MEM/CR/06/6/B

Perform Machine/ Equipment Maintenance

July/August 2025



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

CUTTING LIST

S/NO	ITEMS	QUANTITY (per candidate)	PROVIDED BY
1.	Split type air conditioning unit	1 per candidate	Institution
2.	Manufacturer Manual	1 per candidate	
3.	Leak detector/Soap solution/Foam spray	1 per candidate	
4.	A new filter dryer.	1 per candidate	
5.	Assorted copper tubes	2.5 meters per candidate	
6.	Long nose pliers	1 per candidate	
7.	Capillary tube cutter	1 per candidate	
8.	Appropriate tube benders	1 set per candidate	
9.	Vacuum pump	1 per candidate	
10.	Adjustable spanner	2 per candidate	
11.	Manifold gauges with hoses	1 per candidate	
12.	Digital thermometer	1 per candidate	

13.	Appropriate refrigerant	Enough for refilling		
14.	Flaring and swaging kit	1 per candidate		
15.	Allen keys	1 set candidate		
16.	Screwdrivers	1star, 1 flat per candidate		
17.	Pliers	1 per candidate		
18.	Refrigeration Vacuum pump	1 per candidate		
19.	Multi-meter	1 per candidate		
20.	Electrical insulation tape	1 per candidate		
21.	Crow hammer	1 per candidate		
22.	Copper tube cutter	1 per candidate		
23.	Deburring tool	1 per candidate		
24.	lubricating oil	5 ml per candidate		
25.	Nitrogen cylinder with gas	1 bottle canister		
26.	Soapy water	1/2 liter per candidate		
27.	Map gas	1 per candidate		
28.	Copper rods	2 per candidate		
29.	Brazing flux	1 per candidate		
30.	Filter dryer	1 per candidate		
31.	Refrigerant Recovery unit	1 per candidate		
32.	Refrigerant cylinder with compatible refrigerant	1 per candidate		
33.	Digital Weighing scale	1 per candidate		
34.	Testers	1 per candidate		Candidate
35.	Dust coat/overall and gloves	1 pair per candidate		
36.	Safety boots	1 pair per candidate		