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071506T4MTM

MECHANICAL TECHNOLOGY AND MAINTENANCE LEVEL 6

ENG/OS/MEM/CR/04/06/B

Perform Lathe Operations

July/August 2025

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

CUTTING LIST

S/NO	ITEMS	QUANTITY (PER CANDIDATE)	PROVIDED BY
1.	Mild steel round bar: Ø 25 mm × 90 mm (1 off)	1 pc	INSTITUTION
2.	Mild steel round bar: Ø 50 mm × 70 mm (2 off)	2 pcs	
3.	Lathe machine and its accessories	1 pc	
4.	Assorted lathe spanners	1 pc	
5.	Allen keys	1 set	
6.	Thread pitch gauge	1set	
7.	Radius gauge	1 set	
8.	Square thread cutting tool pitch 4 mm	1pc	
9.	Parting tool	1pc	
10.	Assorted drill bits –Assorted sizes (Ø 8, Ø 12, Ø 15, Ø 18, Ø 22 mm)	1set	
11.	Grooving tool	1 pc	

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12.	Turning tool	1 pc	
13.	Knurling tool	1 pc	
14.	Boring tool	1 pc	
15.	Facing tool	1 pc	
16.	Cutting fluid	1 L	
17.	Center drill	1 pc	
18.	Chuck keys	1 pc	
19.	Vernier calipers	1 pc	
20.	Scriber	1 pc	
21.	Cotton waste	enough	
22.	Soft brush	1 pc	
23.	Safety googles	A pair	
24.	Safety gloves	A pair	
25.	Safety boots	A pair	CANDIDATE
26.	Overall	1 pc	

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