

071505T4MTP

MECHANICAL PRODUCTION TECHNICIAN LEVEL 5

ENG/OS/ME/CR/02/5/A

Perform Grinding Operations

July/August 2025



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

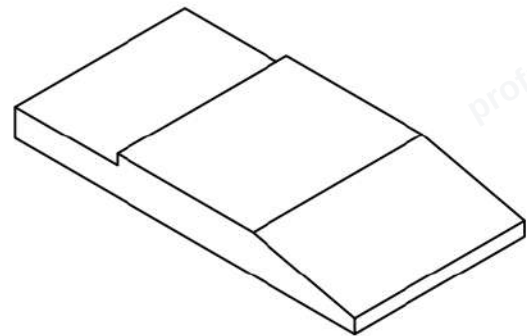
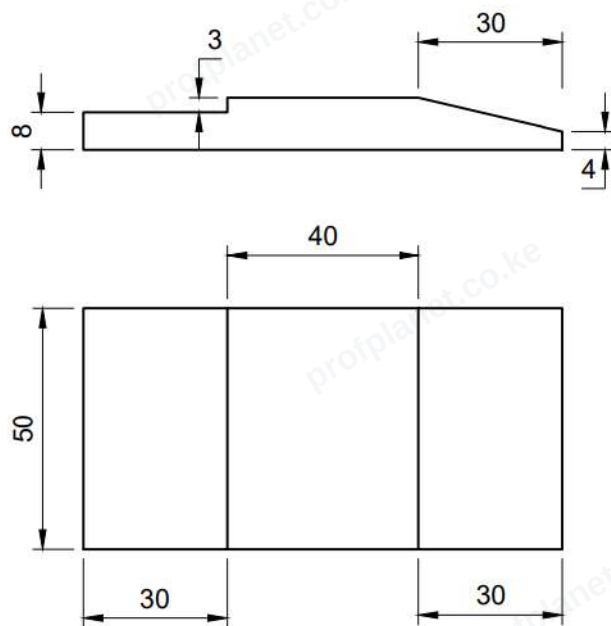
PRACTICE ASSESSMENT

TITLE DESCRIPTION

INSTRUCTIONS TO CANDIDATE:

1. You are required to perform the following tasks
 - i. Prepare the Operation Procedure Sheet as per the working drawing;
 - ii. Produce the component shown on the working drawing as per your prepared operation procedure sheet;
 - iii. Inspect the finished work and record in the form “Candidate’s Inspection Checklist for the Finished Work” provided in Appendix 1.
2. You have been provided with the following resources for the practical tasks:
 - Mild steel flat bar
 - 100 mm × 50 mm × 12mm
 - Functional surface grinding Machine and its accessories
 - Bench vice
 - Universal vice
 - Steel rule
 - Scriber
 - Vernier caliper

- Angle plate
- Assorted hand Files
- Hacksaws
- Centre punch
- Square
- Cutting fluid



WORKING DIAGRAM

APPENDIX 1: INSPECTION CHECKLIST

No.	Basic Dimension	Candidates Dimension	Deviations
1.	100(2)		
2.	50(2)		
3.	40(2)		
4.	30(2)		
5.	8(2)		
6.	4(2)		
7.	3(2)		