

071505T4WAF

WELDING AND FABRICATION LEVEL 5

ENG/OS/WEF/CR/01/5

Fabricate Products and Structures

July/August 2025



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

PRACTICAL ASSESSMENT

Time: 8 HOURS

INSTRUCTIONS TO CANDIDATE

1. You are required to perform the following tasks;
 - i. Prepare parts as per the working drawing
 - ii. Fabricate the component as shown on the working drawing
2. You are provided with the following resources:
 - Mild Steel plates
 - 222 mm × 102 mm × 5 mm 4 off
 - 102 mm × 102 mm × 5 mm 2 off
 - 52 mm × 42 mm × 5 mm 1 off
 - 42 mm × 42 mm × 5 mm 1 off
 - Weldable butterfly hinges 3 inches size 2 off
 - Mild steel door hasp 1 off
 - Manual metal arc equipment and accessories
 - Metal inert gas welding equipment and accessories

- Gas welding equipment and accessories
- Drilling machine
- Assorted drilling bits
- Mild steel welding electrode E6013 Ø 2.5
- Angle grinder
- Ballpein hammer
- Scriber
- Vernier caliper
- Steel rule
- Anvil
- Try Square
- Wire brush
- Pair of dividers
- Hacksaw frame and blade
- Grinding discs
- Bench with vices
- Leather gloves
- Assorted files
- A4 Plain paper
- Welding helmet
- Pair of tongs
- Chipping hammer

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WORKING DRAWING

