

071505T4WAF

WELDING AND FABRICATION LEVEL 5

ENG/OS/WEF/CR/03/5

Perform Manual Metal Arc Welding

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. Carryout Manual Metal Arc Welding as per the working drawing
2. You have been provided with the following resources for the practical task:
 - Mild Steel plates
 - 117 mm × 102 mm × 5 mm 1 off
 - 102 mm × 52 mm × 5 mm 2 off
 - 82 mm × 82 mm × 5 mm 2 off
 - Mild steel pipe
 - Ø50 × 60 mm 1 off
 - Complete Manual Metal Arc Welding machine with accessories
 - E6013 Ø3.2 mm Mild Steel arc welding electrode
 - Angle grinder

- Scriber
- Vernier caliper
- Steel rule
- Try Square
- Wire brush
- Pair of dividers
- Hack saw frame and blade
- Bench and vices
- Grinding discs
- Leather gloves
- Assorted files
- Welding helmet
- Welding shield
- Pair of tongs
- Anvil
- Chipping hammer

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