

071506T4WAF

WELDING AND FABRICATION LEVEL 6

ENG/OS/WEF/CR/03/6

Perform Tungsten Inert Gas (TIG) Welding

July/August 2025



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

PRACTICAL ASSESSMENT

Time: 6 HOURS

INSTRUCTIONS TO CANDIDATE:

1. You are required to perform the following task
 - i. *Prepare the component parts as per the working diagram*
 - ii. *Carry out Tungsten Inert Gas(TIG) welding as shown on the working diagram*
2. You have been provided with the following resources for the practical tasks:
 - Mild steel plates: 125 x 125 x 3 (1 off)
65 x 160 x 3 (1 off)
 - TIG welding machine with accessories
 - Scriber
 - Try square

- Engineer's square
- Wire brush
- Divider
- Ballpeen hammer
- Dot punch
- Leather Apron
- Angle gauge
- Hack saw frame and blade
- Work holding device
- Grinding and cutting discs
- Welding shield
- Portable grinding machine
- Leather gloves
- Steel rule
- Assorted files

