

071606T4WAF

WELDING AND FABRICATION LEVEL 6

ENG/OS/WEF/CR/03/6/A

Perform Tungsten Inert Gas (TIG) Welding

Nov/Dec 2024



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

PRACT MENT

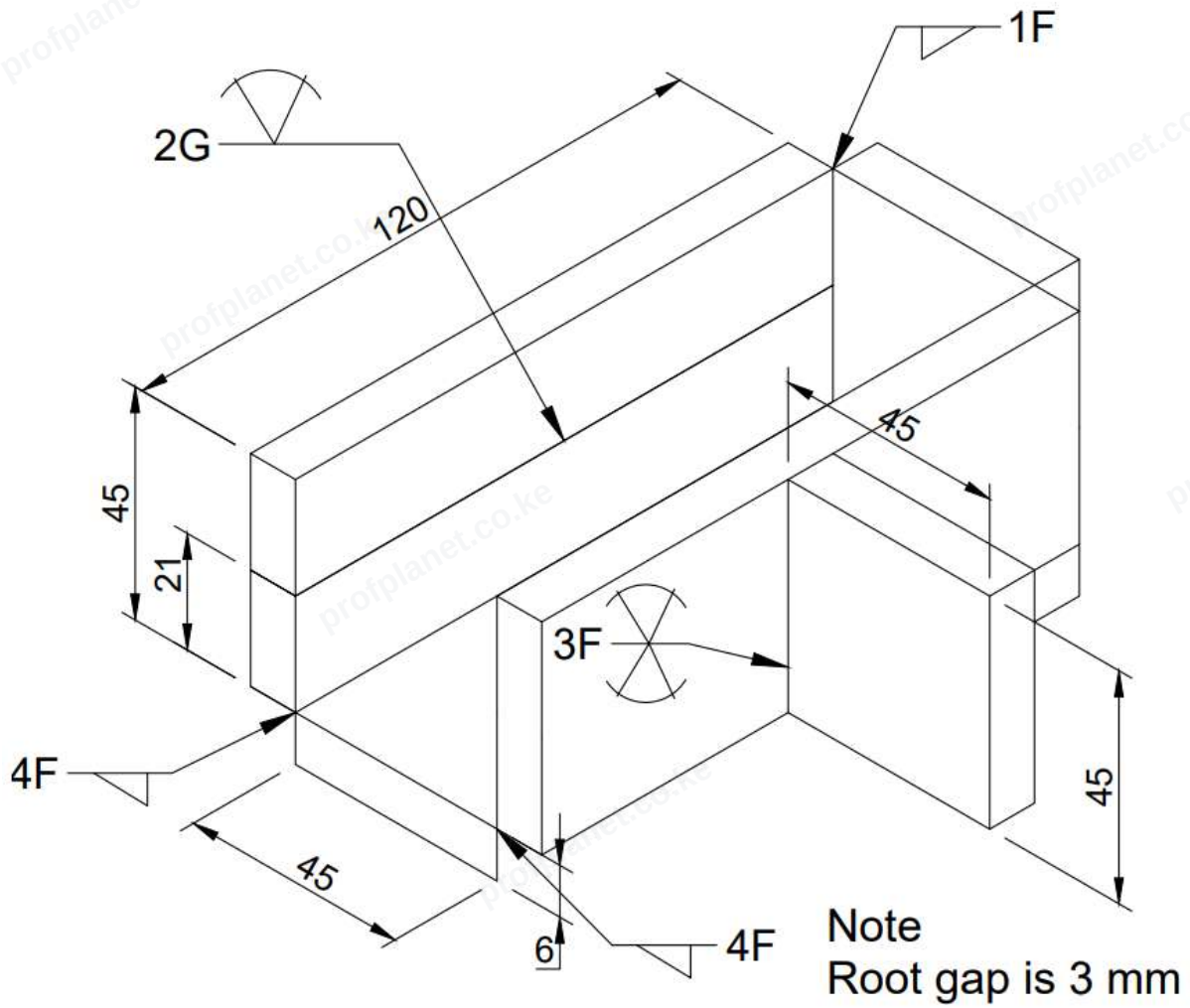
Time: 6 HOURS

INSTRUCTIONS TO CANDIDATE:

1. You are required to perform the following tasks;
 - i. *Prepare workpieces as per the working drawings*
 - ii. *Carryout Tungsten Inert Gas (TIG) Welding*
2. You have been provided with the following resources for the practical tasks;
 - Mild steel plates
 - 122 mm × 47 mm × 6 mm (2 off)
 - 122 mm × 23 mm × 6 mm (2 off)
 - 47 mm × 47 mm × 6 mm (2 off)
 - Complete Tungsten Inert Gas (TIG) Welding equipment and accessories
 - TIG electrode
 - TIG filler rod
 - Vernier caliper

- Steel rule
- Tape measure
- Bench with vices
- Hacksaw frame with blade
- Scriber
- Try square
- Assorted files
- Wire brush
- TIG Welding shield
- Leather gloves
- Sleeves
- Leather apron

WORKING DRAWING



Notes:

All dimensions in mm

Tolerance ± 1