

071505T4WAF

WELDING AND FABRICATION CRAFTSPERSON LEVEL 5

ENG/OS/WEF/CR/05/5/A

Perform Tungsten Inert Gas (TIG) Welding

Nov/ Dec 2024



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

PRACTICAL ASSESSMENT

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INSTRUCTIONS TO CANDIDATE

1. You are required to perform the follo
 - i. *Produce the component shown on the working diagram*
2. You are provided with the following resources:
 - Mild Steel sheet: $102 \times 102 \times 3$ (4 off)
 $102 \times 52 \times 3$ (2 off)
 - Mild steel pipe $\varnothing 50 \times 52$ (2 off)
 - Complete TIG welding machine with accessories
 - TIG electrode $\varnothing 3\text{mm}$

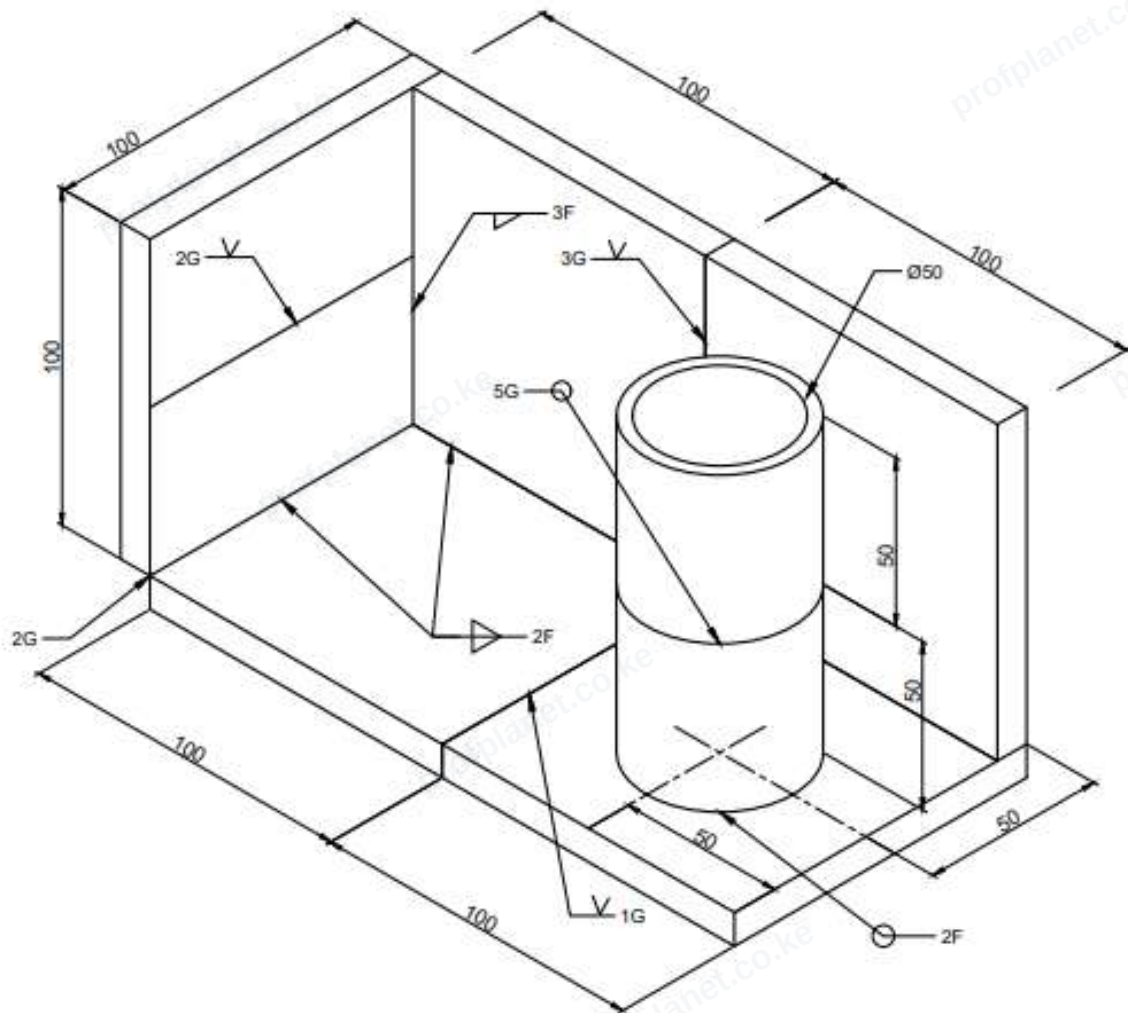
This paper consists of THREE (3) printed pages.

Candidates should check the question paper to ascertain that all pages are printed as indicated and that no pages are missing.

Turn Over

- Welding shield
- Auto darkening welding goggles
- Leather gloves
- Leather apron
- Scriber
- Engineer's square
- Hacksaw frame and blade
- Portable grinding machine
- Grinding and cutting disc
- Metal wire brush
- Dot punch
- Bench vice
- Scissors
- Assorted files
- A4 plain paper
- Pair of tongs
- Divider
- Ballpeen hammer
- Steel rule

WORKING DRAWING



Tolerance ± 1

All dimensions in mm.

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