



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

Qualification Code : 071606T4MCT
Qualification : Mechatronic Technician Level 6
Unit Code : ENG/OS/MC/CC/03/6/A
Unit of Competency : Perform Workshop Processes and Practices

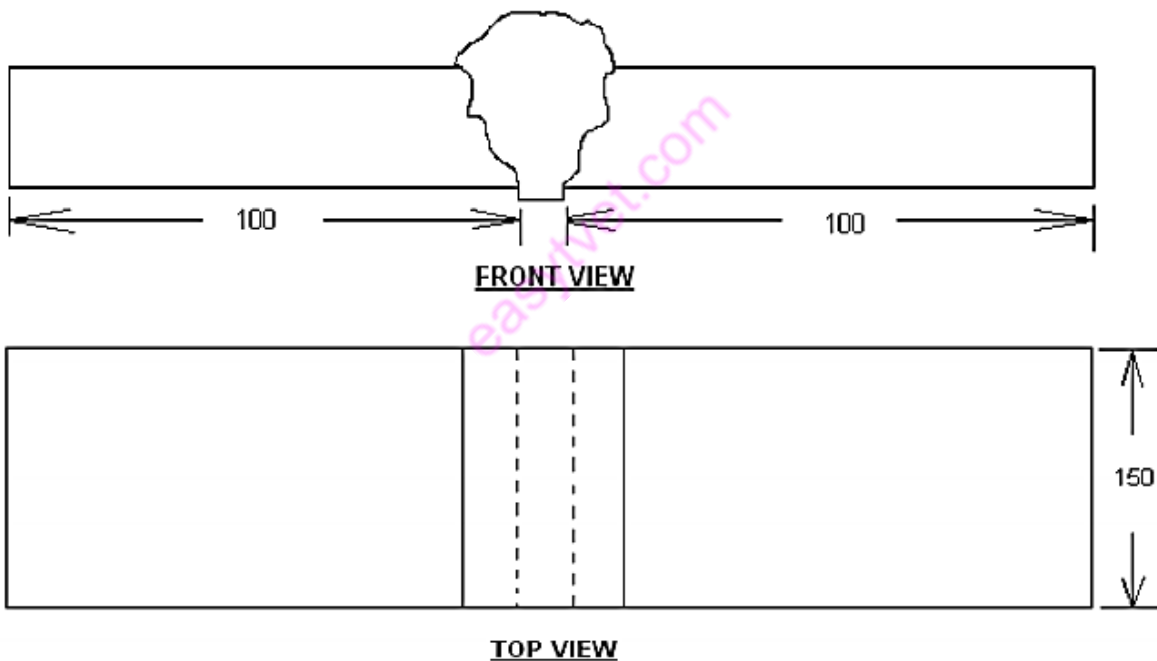
PRACTICAL ASSESSMENT TOOL

INSTRUCTIONS TO CANDIDATE

1. Time allocated is **2 HOURS**.
2. Be on the right PPEs
3. Make sure you have all the tools and materials you are supposed to be provided
4. The practical has five tasks that you are required to do by its end

You are provided with the following tools.

1. Rough and smooth files.
2. Protractor
3. Arc welding machine (transformer type)
4. Mild steel electrode and electrode holder
5. Ground clamp
6. Tongs
7. Face shield
8. M.S electrodes 3.1 mm X350 mm
9. Apron
10. Chipping hammer.
11. **Material required: - 2 Mild steel plate of size 105X155X3 mm**



TASK

You are required, at the end of this practical, to:

- i. To write you're the sequence of operation
- ii. To develop a clean butt weld joint as show in the drawing above