



WELDING PROCESSES	
ISO 4063	AWS A3.0
111	SMAW
135	GMAW
136	FCAW-G
141	GTAW

INSTRUCTIONS :

1. TACK WELD THE VESSEL SHOWN AND COMPLETELY SEAL ALL JOINTS USING THE WELDING PROCESSES LISTED.
2. ALL TACK WELDS SHALL BE ON THE OUTSIDE OF VESSEL WITH MAX. 15 mm IN LENGTH.
3. ALL WELDING TO CARRY OUT WITH BASE PLATE "A" IN THE FLAT POSITION.
4. ALL FILLET WELDS UNLESS NOTED OTHERWISE TO HAVE A LEG LENGTH OF 10 mm(+2.0/-0)
5. NO GRINDING TO TAKE PLACE AFTER THE FINAL CAP PASS HAS BEEN MADE.
6. SLAG REMOVAL AND POST CLEANING OF THE WELDS SHALL BE MADE USING WIRE BRUSH.

NOTE: ALL DIMENSTIONS IN MILLIMETRE



Competition 2022  
Special Edition

Test Project for the WorldSkills  
Competition Special Edition 2022  
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Skill: 10. Welding, Schweißen, Soudage

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Description:  
Pressure Vessel-Symbols Drawing

Drawn by: Chih-Peng Chen TW

