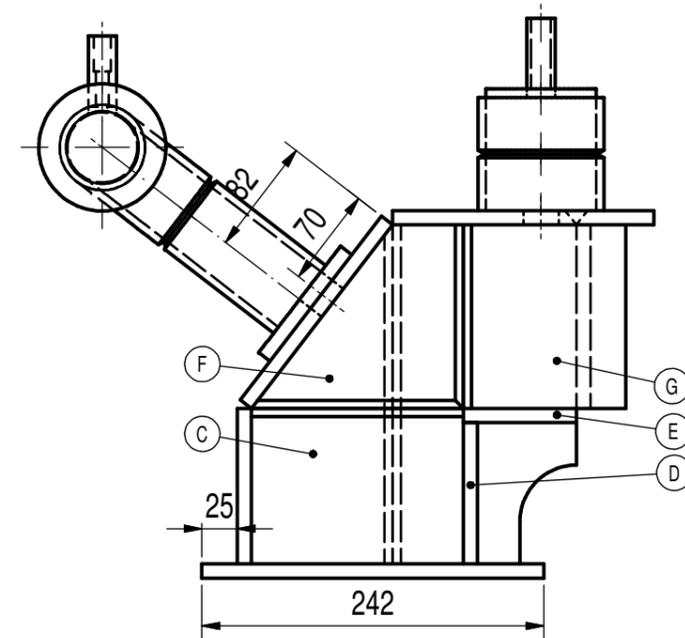
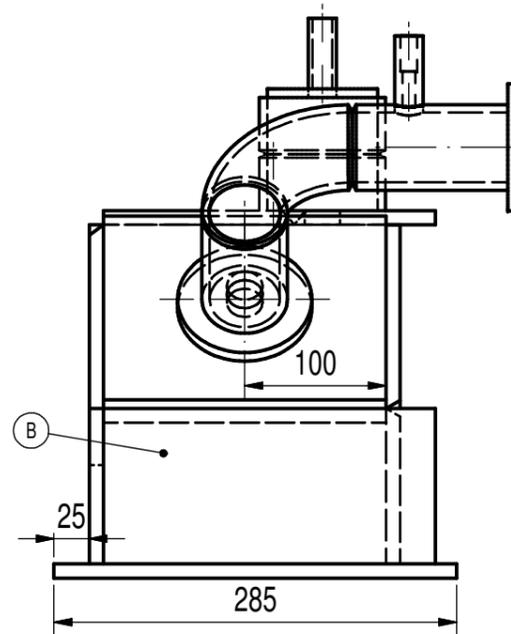
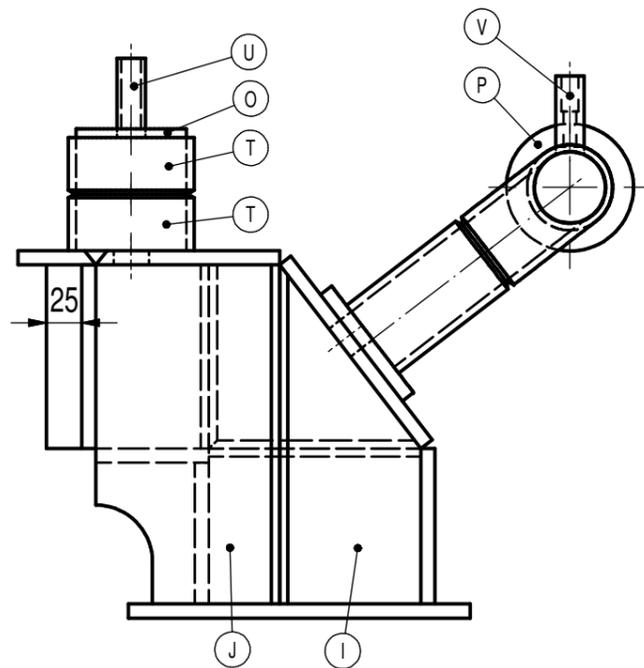
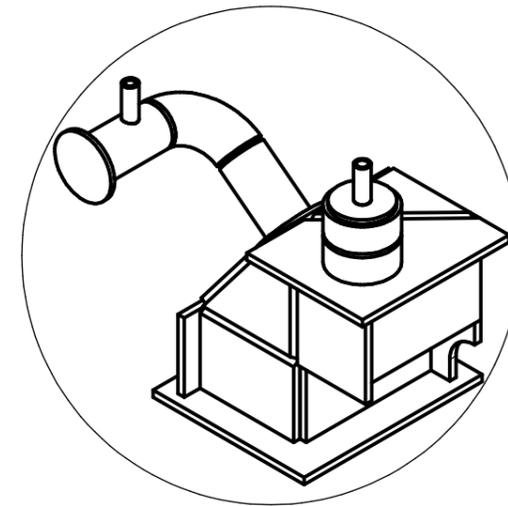
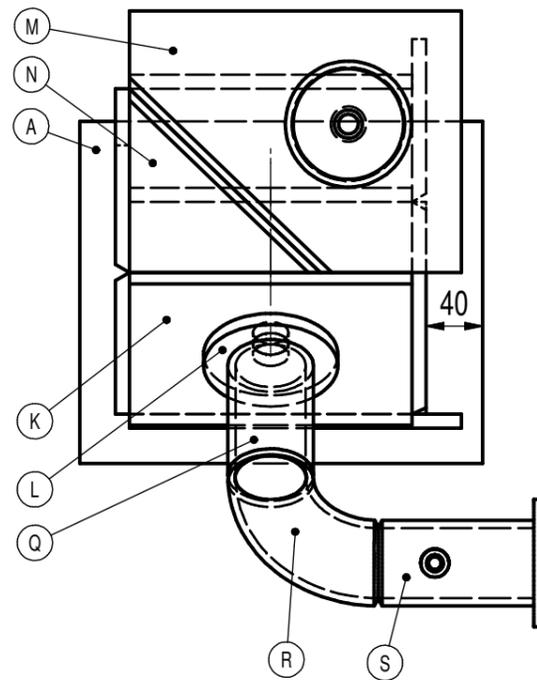
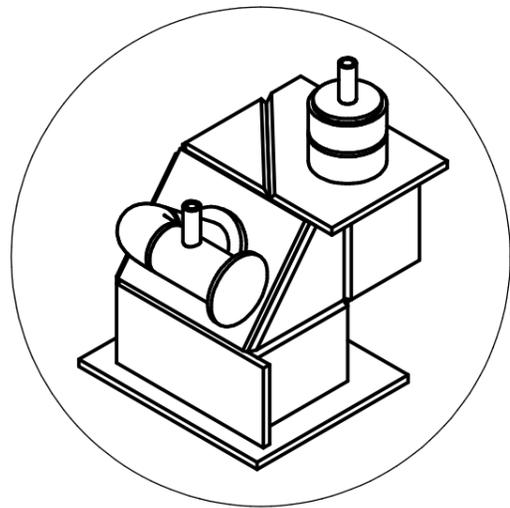


WELDING PROCESSES	
ISO 4063	AWS A3.0
111	SMAW
135	GMAW
136	FCAW-G
141	GTAW



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
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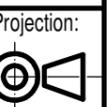
Skill: 10. Welding, Schweißen, Soudage

Designed by: Chih-Peng Chen TW

Last Update: 14.10.2022 Scale: NTS Paper: A3 Page:

Drawing Number: WSC 2022_TP10_TW_PV_ASSEMBLY_2_ISO A Rev: 05

Description:
Pressure Vessel-Assembly Drawing



Drawn by: Chih-Peng Chen TW