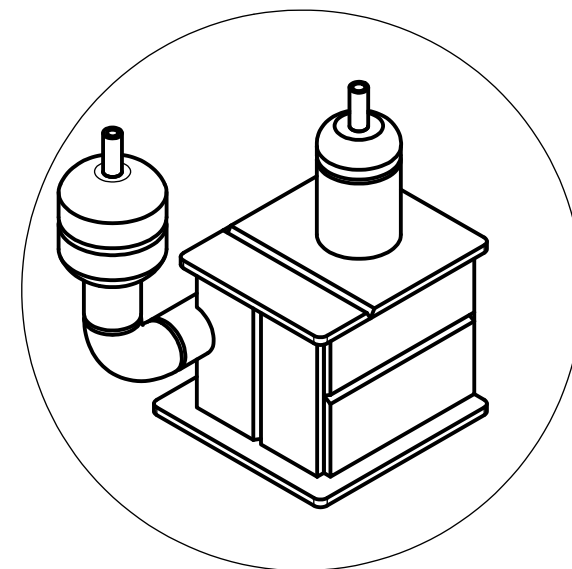
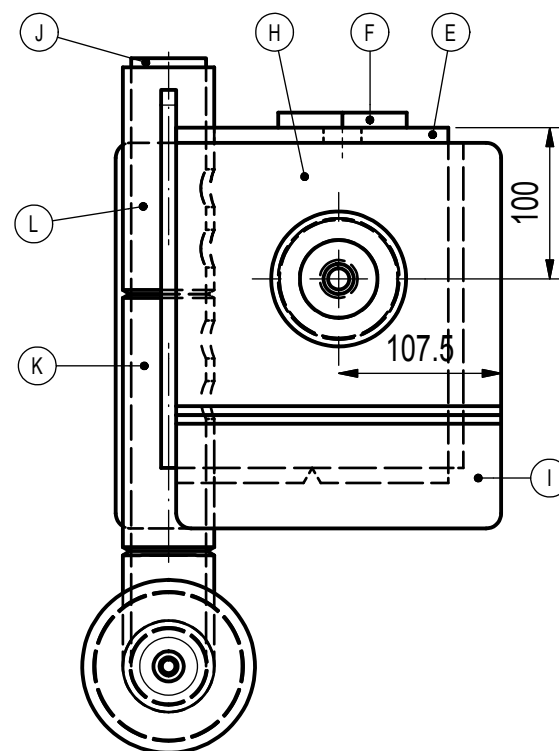
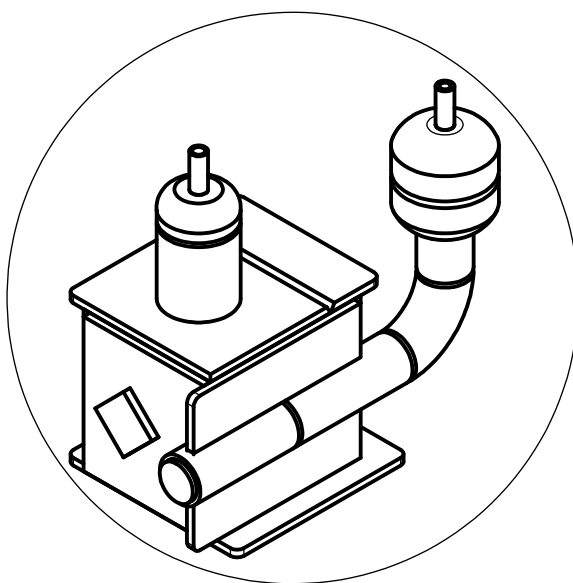
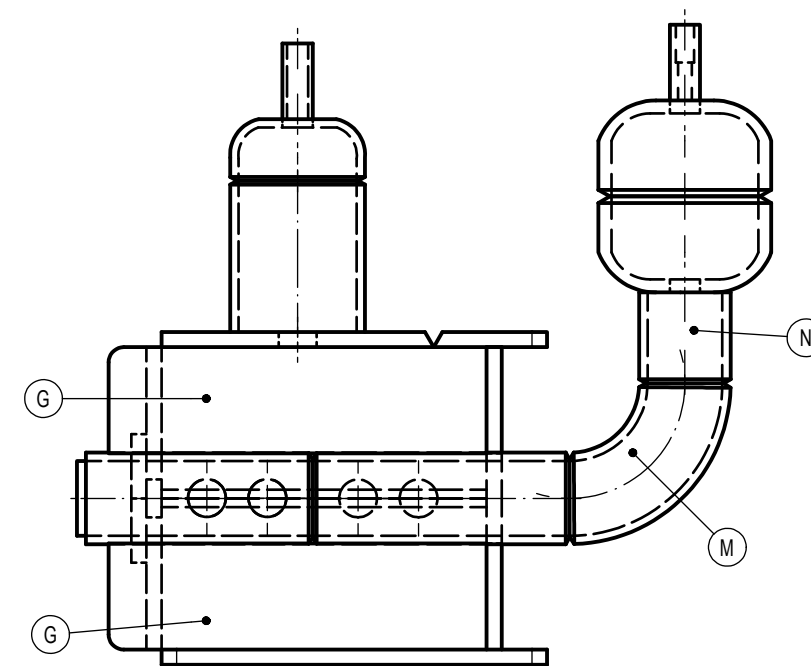
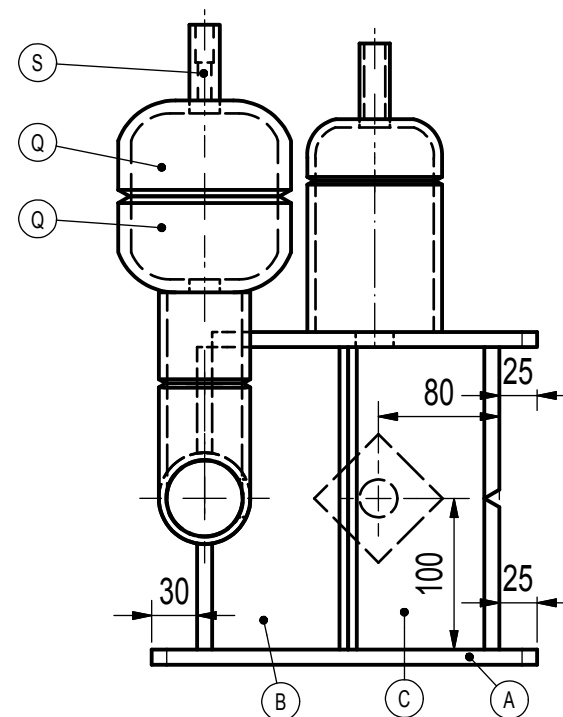
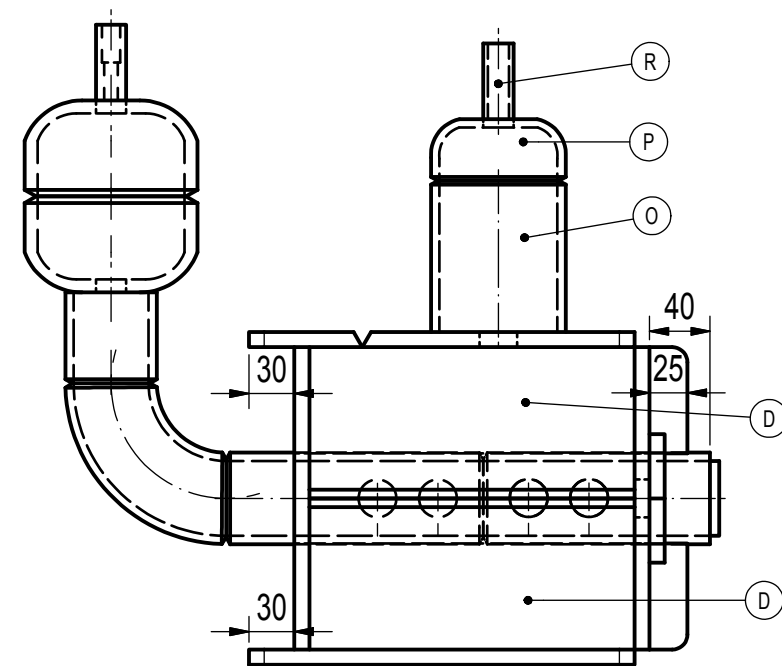


1 2 3 4 5 6

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



## INSTRUCTIONS :

- 1.TACK WELDS CAN BE MADE IN ANY POSITION WITH ANY PROCESS IN THE MOST LOGICAL SEQUENCE FOR STRUCTURAL SQUARENESS AND JOINT ACCESS.
- 2.ALL TACK WELDS ARE TO BE MADE NO LONGER THAN 15 mm AND PLACED ONLY ON THE OUTSIDE OF THE VESSEL.
- 3.ALL WELDS ARE TO BE MADE AS INDICATED ON DRAWING.
- 4.ALL LEG LENGTH OF FILLET WELDS EXCEPT SPECIAL NOTES ARE TO BE 10 mm (+2mm/-0mm).
- 5.COMPLETE ALL WELDING WITH BASE "A" IN THE FLAT POSITION.
- 6.GRINDING WILL BE LIMITED TO : TACK WELDS , STARTS, STOPS AND ROOT PASS.
- 7.POST CLEANING : WIRE BRUSH ONLY AFTER SLAG REMOVAL, NO GRINDING.

NOTE: ALL DIMENSTIONS IN MILLIMETRE

Test Project for the 45<sup>th</sup> WorldSkills  
Competition in Kazan, Russia 2019.  
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Skill: 10. Сварочные технологии, Welding, Schweißen, Soudage

Scale: N. T. S Date: 12. May. 2019 Paper: A3

Drawn/Designed by: Chih-Peng Chen TW

Description: Pressure Vessel-ASSEMBLY



OR



Drawing No:WSC2019\_TP10\_TW\_PV\_ASSEMBLY\_ISO E

Rev: 03

Page:

Appd:

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1 2 3 4 5 6