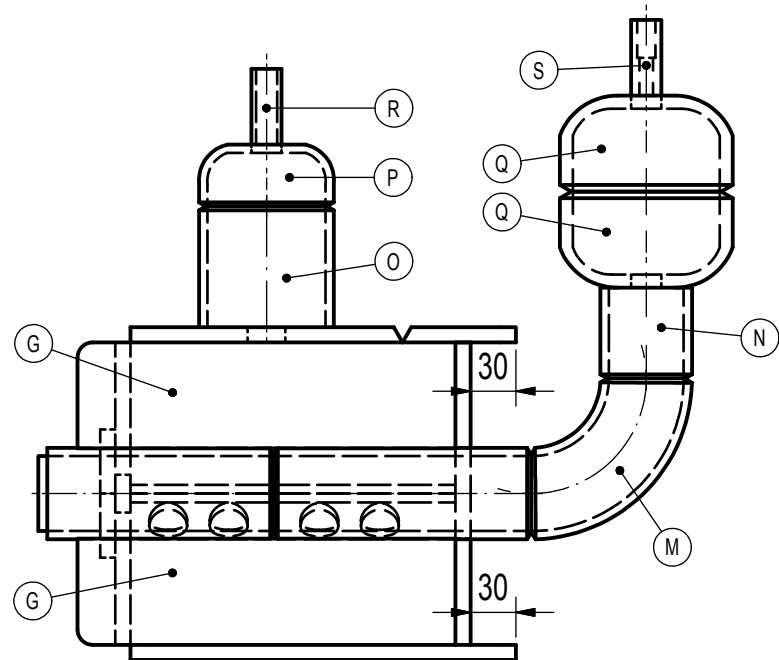
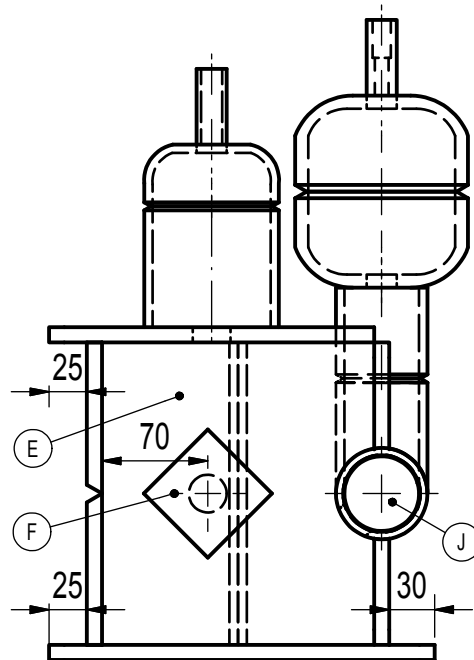
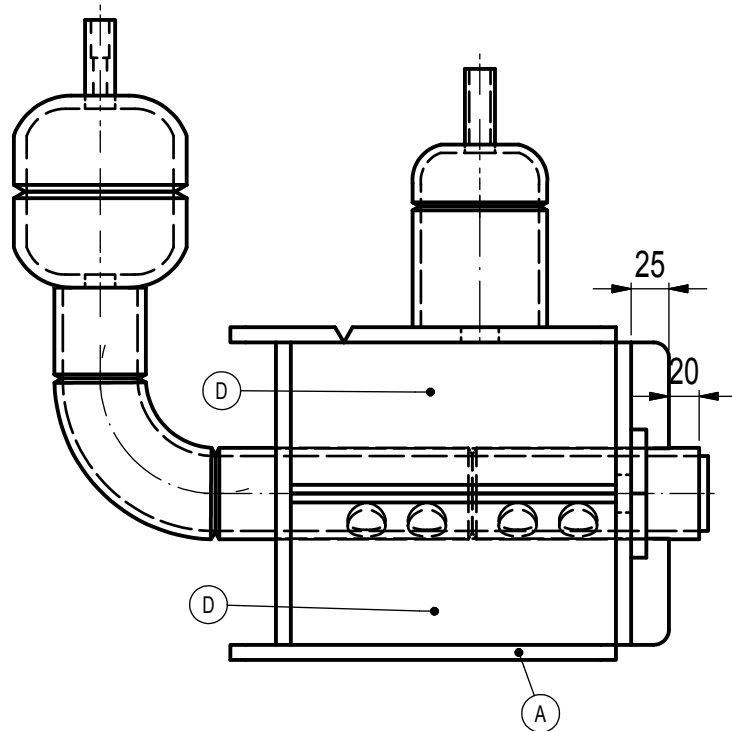
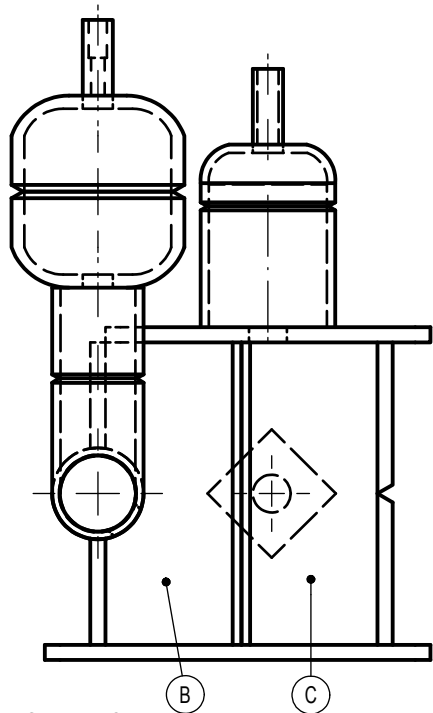
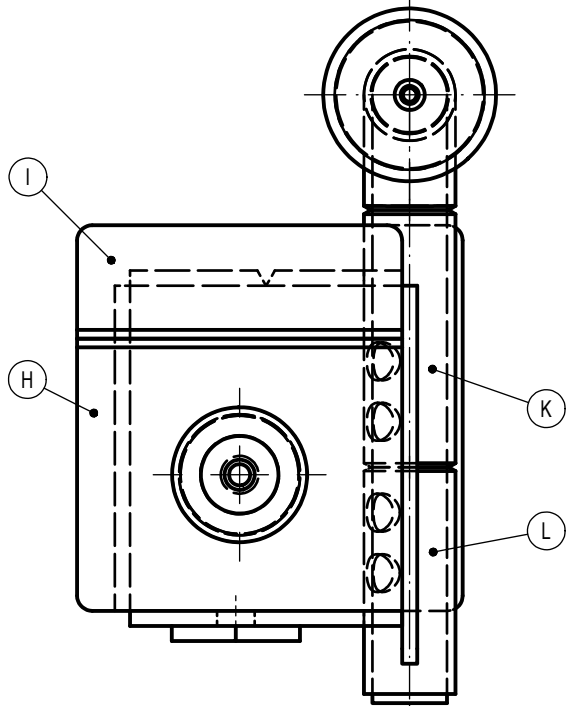
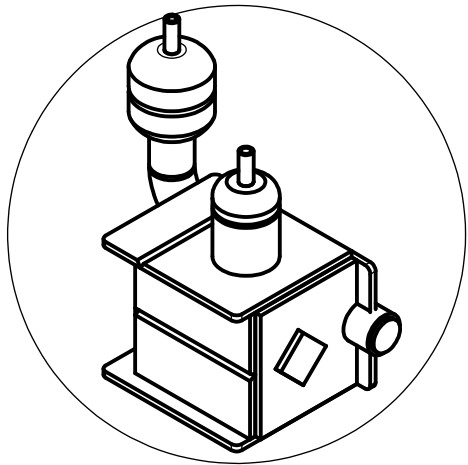
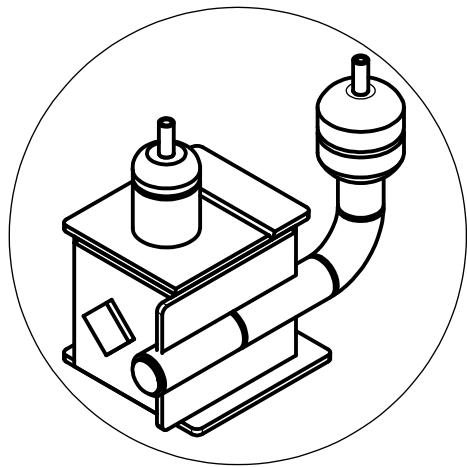


WELDING PROCESSES	
ISO 4063	AWS A3.0
111	SMAW
135	GMAW
136	FCAW-G
141	GTAW



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

NOTE: ALL DIMENSTIONS IN MILLIMETRE

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

Scale: N. T. S Date: 27. Aug. 2017 Paper: A3

Drawn/Designed by: Chih-Peng Chen TW

Description: Pressure Vessel-Assembly



OR



Drawing No:WSC2019_TP10_TW_PV_ASSEMBLY_ISO A

Rev: Page:

Appd: Sign: