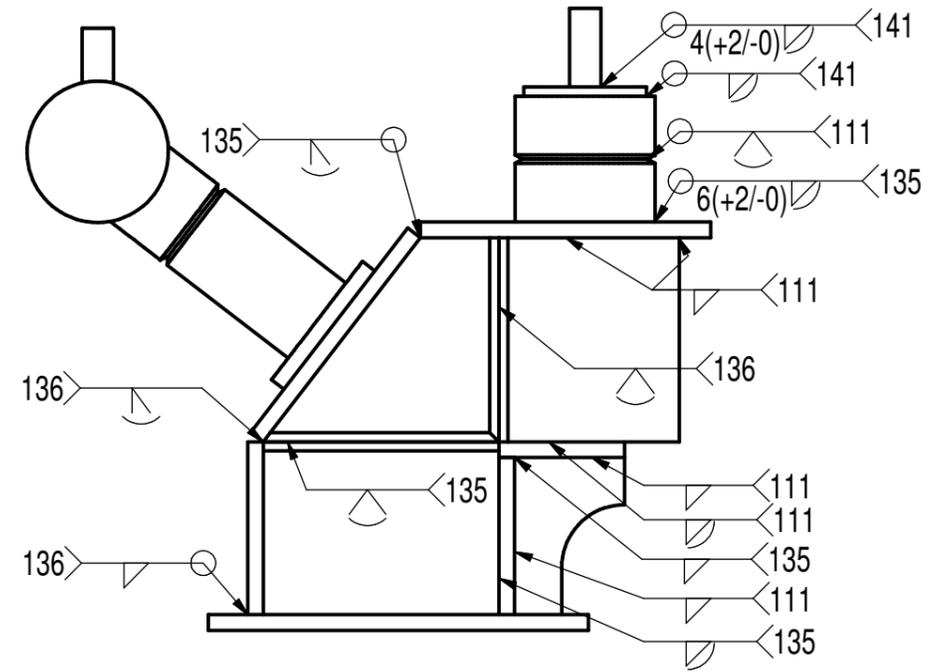
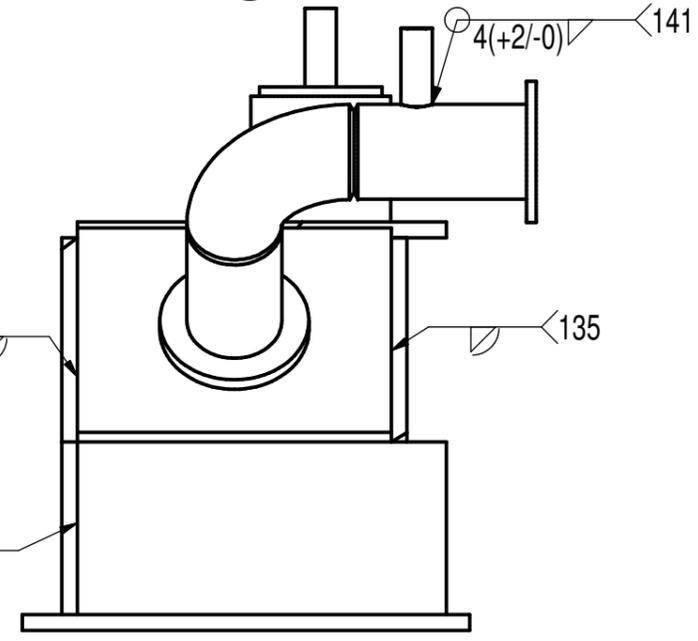
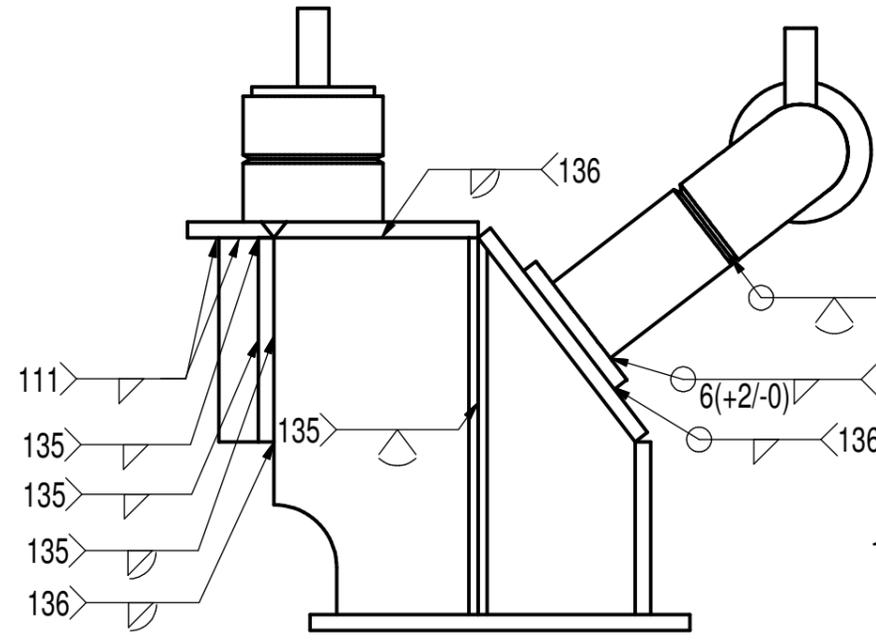
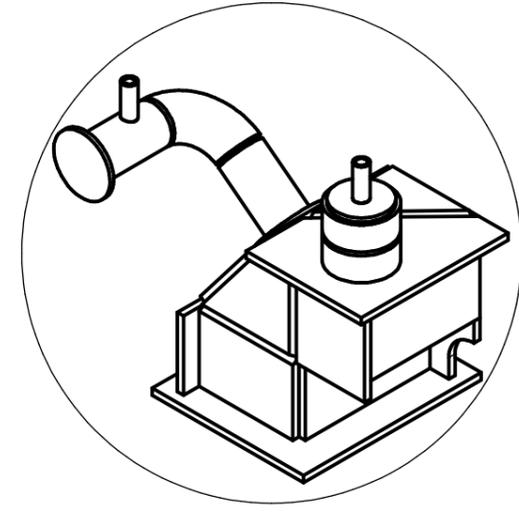
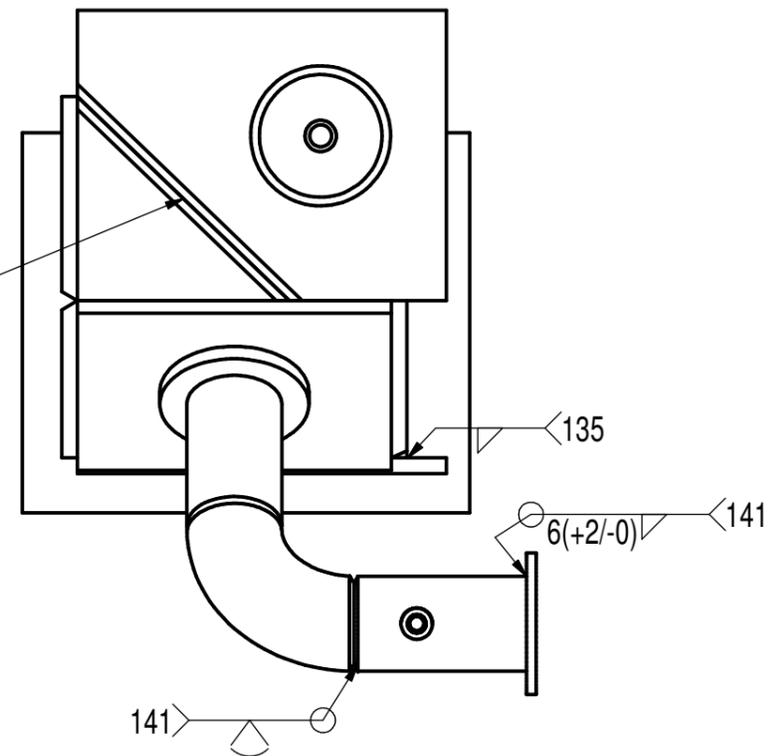
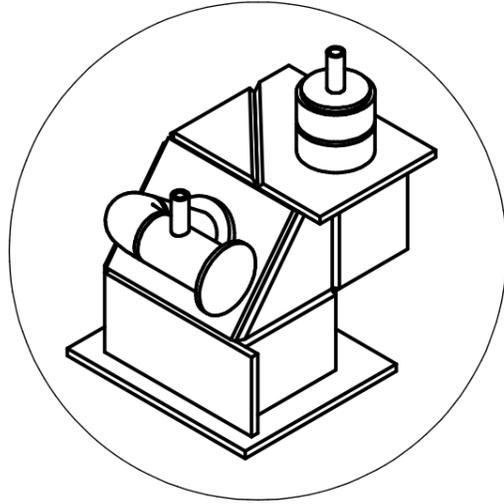


| WELDING PROCESSES |          |
|-------------------|----------|
| ISO 4063          | AWS A3.0 |
| 111               | SMAW     |
| 135               | GMAW     |
| 136               | FCAW-G   |
| 141               | GTAW     |



**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

|   |   |            |   |
|---|---|------------|---|
|  <p>Competition 2022<br/>Special Edition</p> <p>Test Project for the WorldSkills<br/>Competition Special Edition 2022<br/>Copyright 2022 © WorldSkills International<br/>All Rights Reserved</p> | Skill: 10. Welding, Schweißen, Soudage              |            |   |
|   | Designed by: Chih-Peng Chen TW                      |            |   |
|   | Last Update: 14.10.2022                             | Scale: NTS | Paper: A3   |
|   | Drawing Number: WSC 2022_TP10_TW_PV_SYMBOLS_2_ISO A |            | Page: 05  |
|   | Description: Pressure Vessel-Symbols Drawing        |            | Projection:  |
| Drawn by: Chih-Peng Chen TW   |   |            |   |