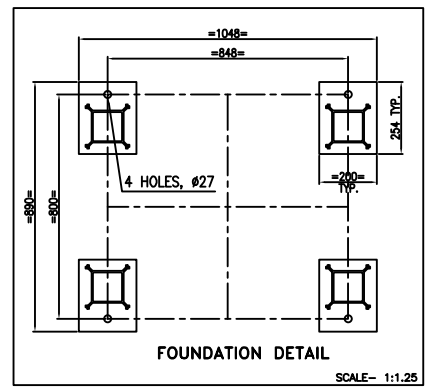
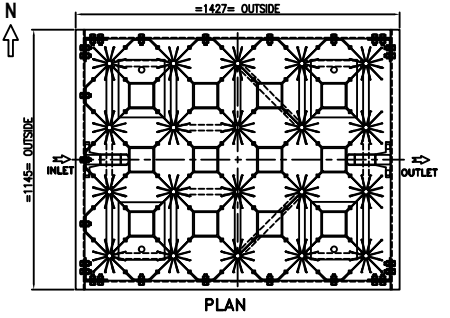


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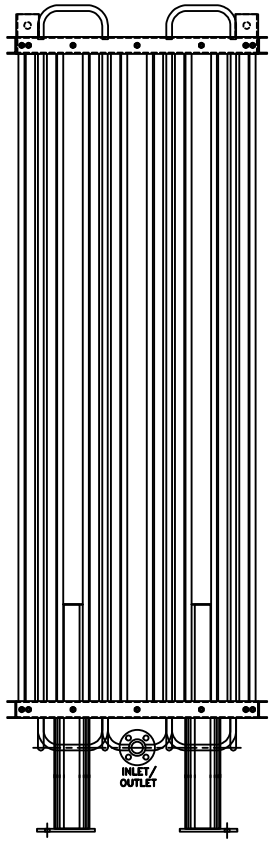
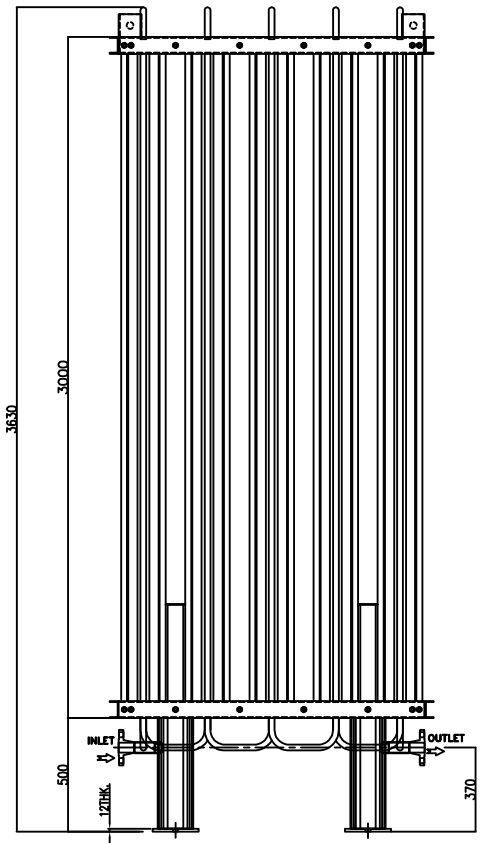
MATERIAL SPECIFICATION FOR PRESSURE RATING PARTS	
DISCRIPTION	MATERIAL
FINES	SB221-6063-T5 ALUMINUM.
TUBES	SB221-6063-T5 ALUMINUM.
FLANGES	SB247-6061-T6 ALUMINUM.

DESIGN SPECIFICATIONS		
1	DESIGN CODE	ASME SEC. VIII. DIV.1, PRESSURE VESSEL CODE, NO U STAMP.
2	DESIGN PRESSURE	bar (g) 31
3	OPERATING INLET TEMPERATURE	°C -196° TO +65°
4	OPERATING OUTLET TEMPERATURE	°C 20° BELOW AMBIENT
5	NDT PNEUMO TEST	bar (g) 44
6	PRESSURE DROP	mlbar (g) 500
7	WIND DESIGN CODE	ASCE 7-02, V=120 MPH (3 SEC. GUST), I=1.0, EXP. C.
8	SISMIC DESIGN CODE	SOIL PROFILE=Sd, R=2.9, Na=1.3 UBC 97, Z=4, I=1.0.
9	SURFACE AREA	m2 120
10	CAPACITY	nm3/hr. 200
11	FLUID	FLUID LCO2
12	FLUID CONNECTION	SIZE 1½"-INLET / 1½"-OUTLET SOFF FLANGE 300#, ANSI B16.5
13	WEIGHT	KG. 575 (APPROX) [ICED OPERATING 1725 KG.]

F  
E  
D  
C  
B  
A



- GENERAL NOTES :**
- DO NOT IMPOSE LOADS ON FLANGES, USE STANDS FOR SUPPORTS.
  - ALLOW AT LEAST 500 CLEARANCE TO ADJACENT STRUCTURES FOR COLD AIR REMOVAL.
  - FOUNDATION SHOULD HAVE PROVISIONS FOR DRAINAGE AND LOW TEMPERATURES.
  - O2 CLEANED.
  - SURFACES OF VAPORIZER OPERATE AT LOW TEMPERATURES AND SHOULD BE PROTECTED FROM INADVERTENT TOUCHING.



REV	DATE	DESCRIPTION	APPROVAL	PREP'D	CHECKED	APPROVED
0	16/06/16	ISSUED FOR APPROVAL		JK	MV	SP

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CLIENT: VIET INDUSTRY

PROJECT:

S.O. NO.	.	
DRAWN BY	JK	
CHECKED BY	MV	
APPROVED BY	SP	

DATE 16.06.2016  
SCALE

TITLE:  
**ISPL-200  
AMBIENT VAPORISER**

REF NO.	DRAWING NO.	SHEET NO.	REV NO.	A3
	141062016	1 OF 1	0	

8 7 6 5 4 4 3 2 1