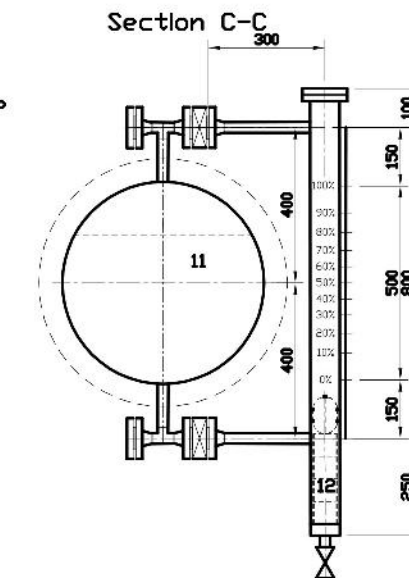
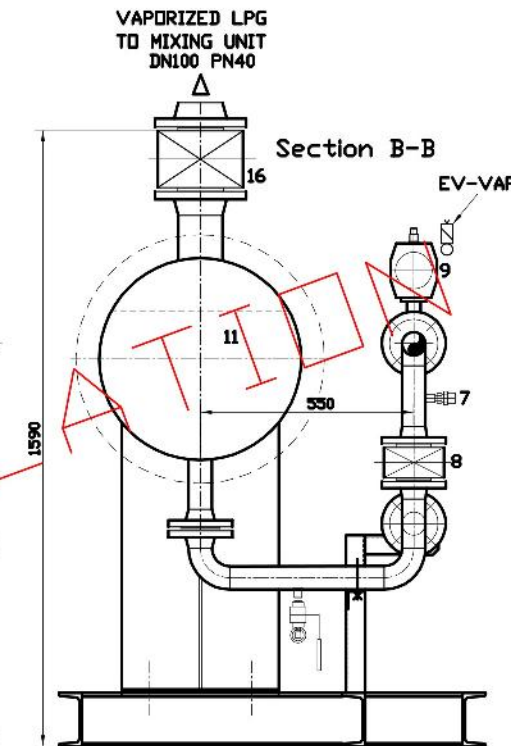
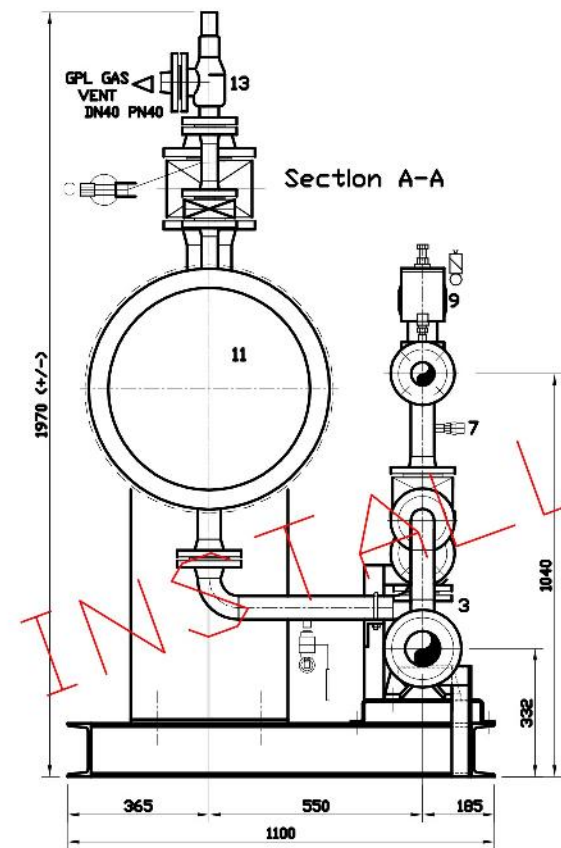
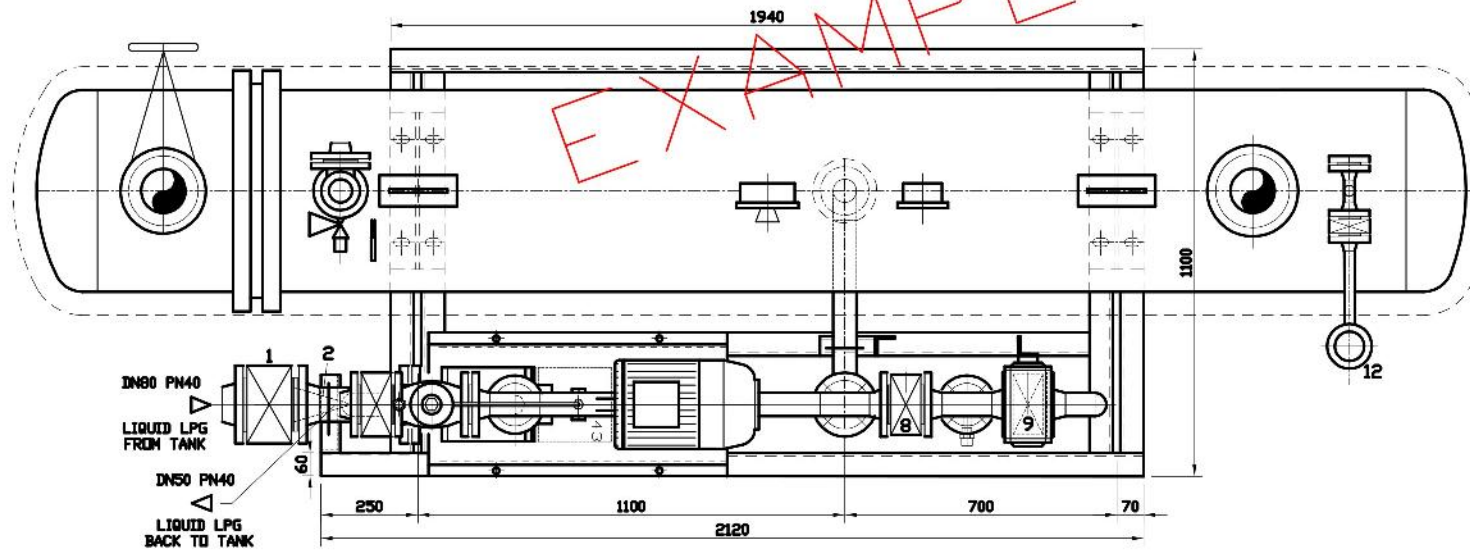
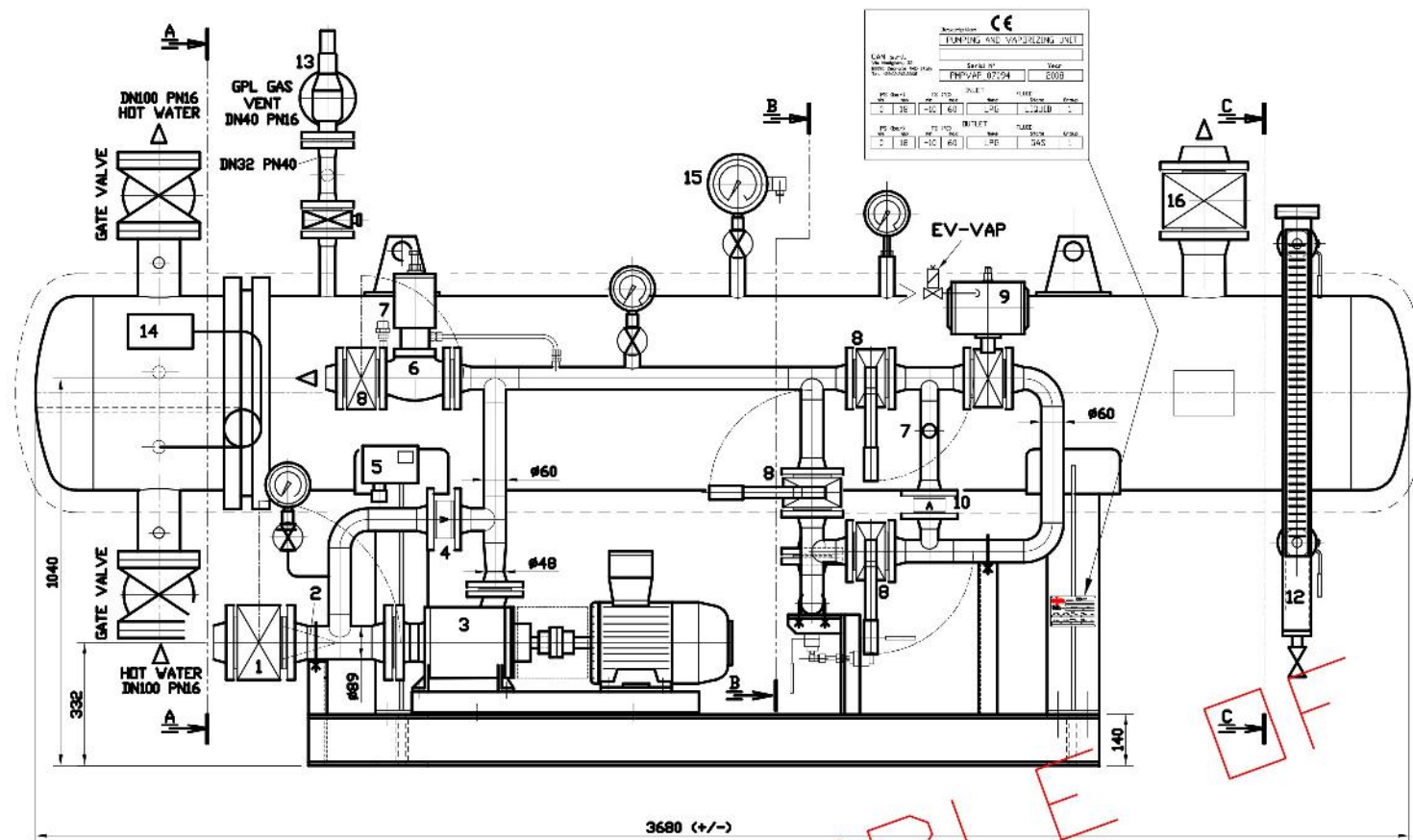




PED Category of Assembly: IV
Module of Conformity: G

FITTINGS API Sch.40	ASTM A-234 WPB
PIPES API Sch.40	ASTM A 106
FLANGES WELDING NECK (ex UNI2284)	ASTM A 105
DESCRIZIONE	MATERIALE

UNIT WEIGHT: 1800 KG (approx)

PED category	II
Table N° (Annex II)	5
PS x DN	1440
Fluid phase	LIQUID/GAS
Fluid group	1
Hydrostatic test pressure	bar(g)
min/max Temperature (TS)	°C
min/max Pressure (PS)	bar(g)
LPG PIPING (97/23/EC PED DIRECTIVE)	

POS.	POS.	DESCRIPTION	QTY	NP
16	1	Shut-off steel ball valve	100	40
15	1	Pressure gauge with electrical switch range 0-25 bar	1/2"	
14	1	Temperature switch with adjustable differential range 40-110°C	1/2"	
13	1	Safety valve	32x40	40x16
12	1	Liquid LPG level switch	20	40
11	1	LPG Vaporizer (hot water type) capacity: 3350 kg/h	50/100	40
10	1	Check valve	40	40
9	1	Pneumatic stop valve NC with EV solenoid NC 24 Vdc Ex-d ATEX	50	40
8	4	Shut-off steel ball valve	50	40
7	3	Over-pressure valve	1/4"	40
6	1	Back-pressure valve	50	40
5	1	Pressure switch range 0-10 bar	1/4"	40
4	1	Check valve	50	40
3	1	LPG pump (0.6600 l/h P/35 mcl 2 kw)	80x40	40
2	1+1	Strainers	80/50	40
1	1	Shut-off steel ball valve	80	40

POS.	POS.	DESCRIPTION	QTY	NP
customer				
CPL Concordia scrl - Concordia s/S (MD)				
Place of destination: MARINHA GRANDE				
denomination				
PROPANE/AIR MIXTURE PRODUCTION FACILITY				
PUMPING AND VAPORIZING UNIT				
LAYOUT				
scale	1/10			
date	08-08-08			
fig. n°	p07_094_16_b			

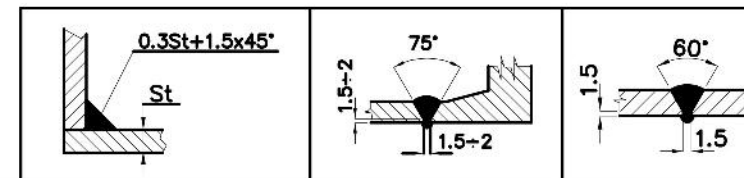
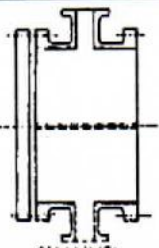
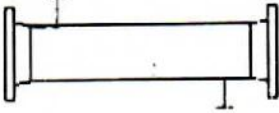
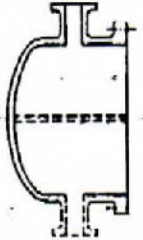
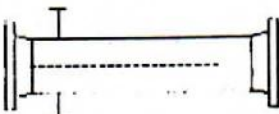
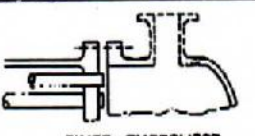
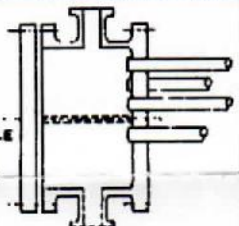
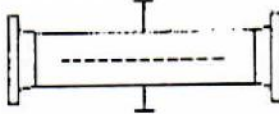
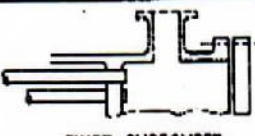
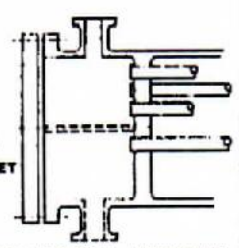
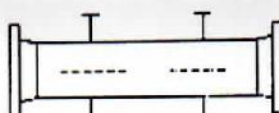
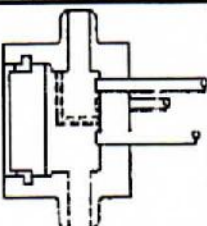
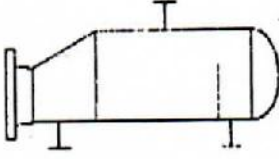
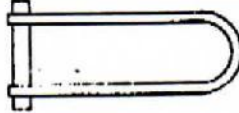
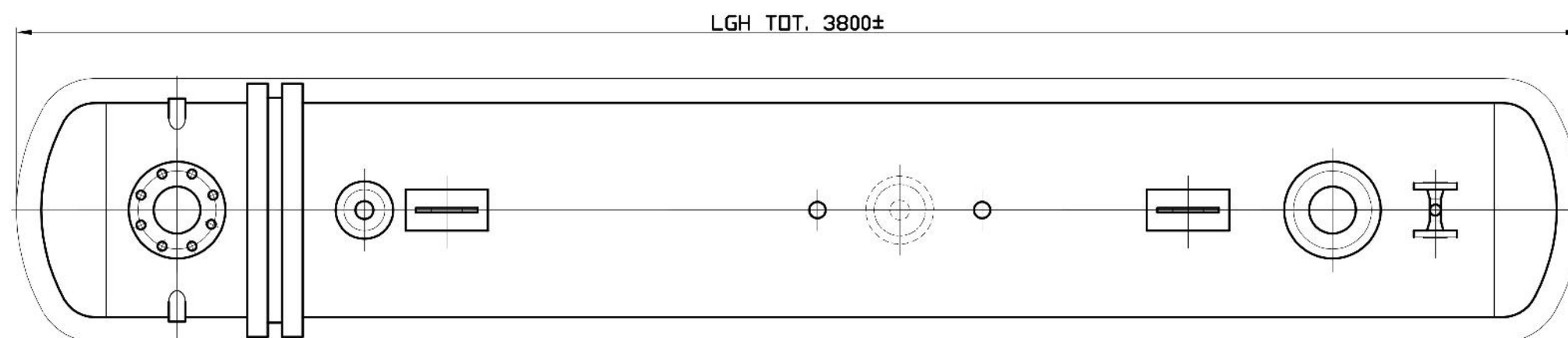
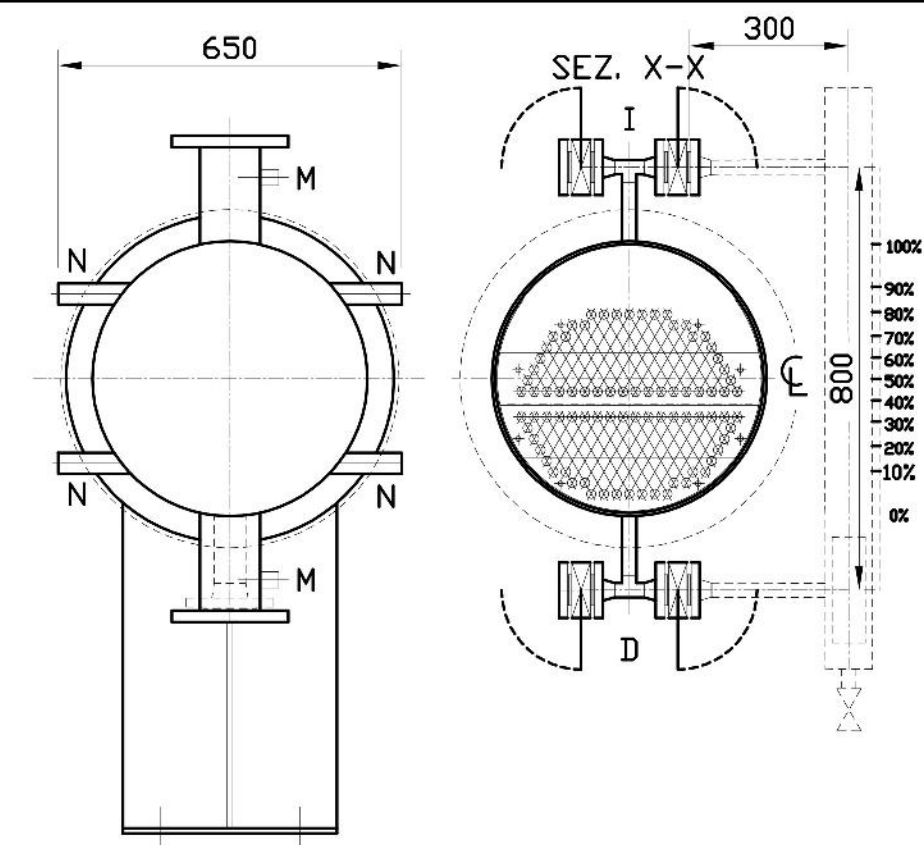
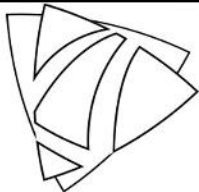


FIGURE N-1.1

FRONT END STATIONARY HEAD TYPES		SHELL TYPES		REAR END HEAD TYPES	
A		E		L	
	CHANNEL AND REMOVABLE COVER				
B		F		M	
	BONNET (INTEGRAL COVER)				
C		G		N	
	REMOVABLE TUBE BUNDLE ONLY				
D		H		P	
	FIXED TUBESHEET ONLY				
	CHANNEL INTEGRAL WITH TUBE- SHEET AND REMOVABLE COVER				
		J		S	
	SPECIAL HIGH PRESSURE CLOSURE				
		K		T	
				U	
				W	



Sovraspessore di corrosione	mm	0	0
Fluidi		GPL	ACQUA
Stato fisico del fluido		LIQUIDO/GAS	LIQUIDO
Temperatura di esercizio	°C	50	80
Pressione di prova idraulica	bar	30	7,5
Pressione di esercizio max	bar	18	2/3
Temperatura di progetto	°C	99	99
Pressione di progetto	bar	20	5
		LATO MANTELLO	LATO TUBI

rev.	data	descrizione
		oggetto VAPORIZZATORE DI GPL AD ACQUA CALDA Tipo BKU - ORIZZONTALE Portata Nominale: 2200 - 5000 kg/h
scala //		denominazione DIMENSIONI GENERALI E POSIZIONAMENTO BOCCHELLI
data 15-04-08		
disegno p07_095_15		