

CMP ARLESConstructions Métalliques
et Préfabrication d'Arles

1, Rue Copernic - Z.I. Nord - 13200 ARLES

☎: 04.90.93.33.30 - Téléfax:04.90.93.33.31

Mail:contact@cmaparles.com

DEPARTEMENT CRYOGENIE SOISSONS

13, Avenue de Coucy

02200 SOISSONS

☎: 03.23.93.60.69 - Téléfax:03.23.93.60.78

Mail: cryo.soissons@cmaparles.com

Dossier CMP Arles : 783

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Client / Customer : AIR LIQUIDE AGS GmbH




Engineered System N° :

1 RESERVOIR DE STOCKAGE LOX 1800MT

1 X 1800MT LOX STORAGE TANK

ITEM D 62001

TUBULURE D (DN50)
NOZZLE D (OVERFLOW)

1		10/01/05	NANTIER		10/01/05	HULIN		10/01/05	LEBOUCQ		
EDITION EDITION N°	REFERENCE CLIENT REF.	DATE	NOM NAME	SIGN.	DATE	NOM NAME	SIGN.	DATE	NOM NAME	SIGN.	ETAT D'AVANC. STATUS
		REDACTEUR DRAWN UP BY		VERIFICATEUR CHECKED BY		APPROBATEUR APPROVED BY					

Projet : **ASU No.9 KOSICE**
ProjectClassement CMP Arles : **783-16.D**
CMP Arles document N°

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Dossier CMP Arles : 783

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Client / Customer : AIR LIQUIDE AGS GmbH

Plan N° : 783-16.D

INDICE DE REVISION: 0/ / / / / / / /

revision number

[illegible]

OBJET DES MODIFICATIONS

Subject of modifications

[illegible]

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Rev 0

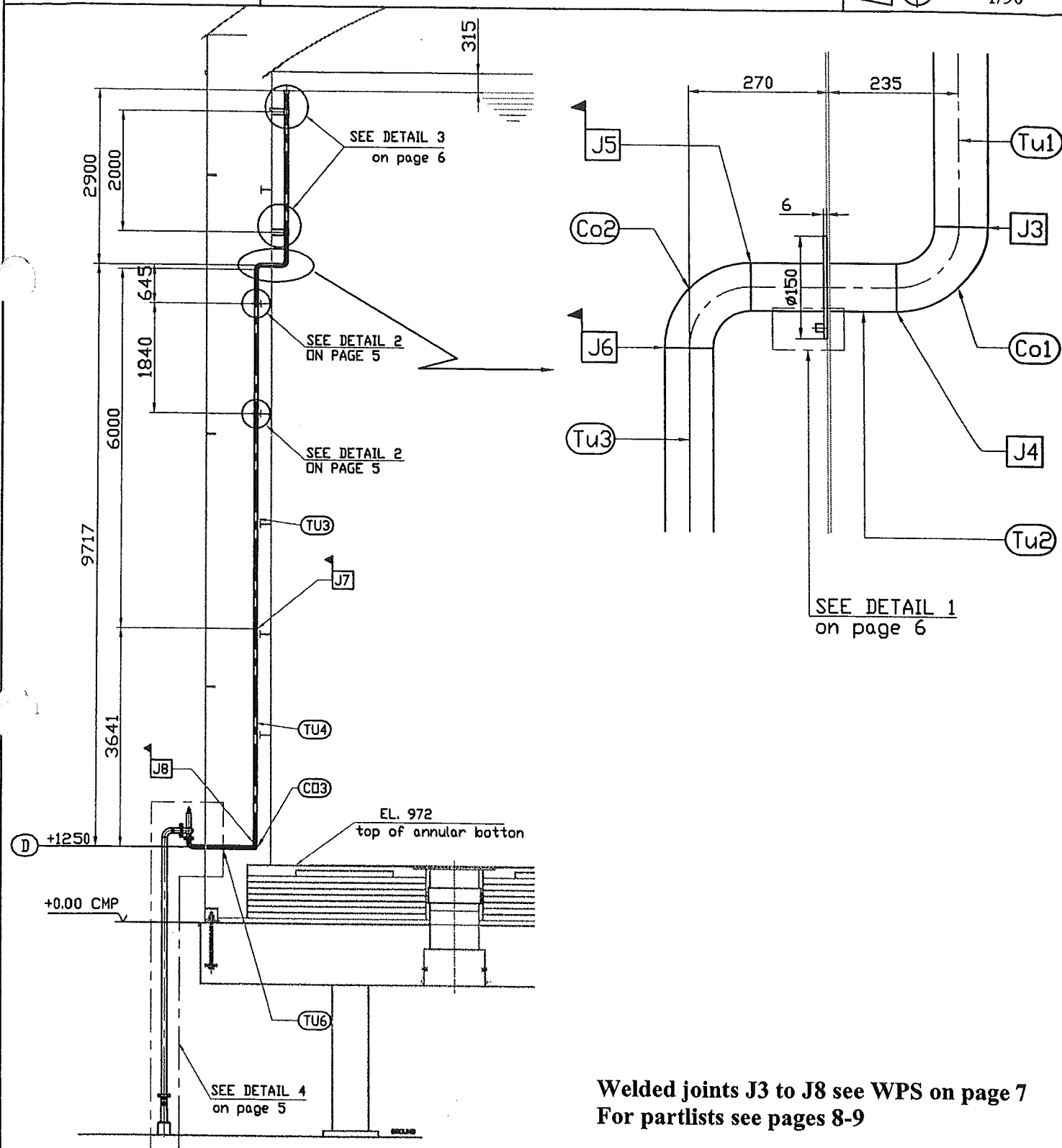
Client / Customer : AIR LIQUIDE AGS GmbH

Engineered System N° :

Plan N° : 783-16.D

ELEVATION VIEW

Echelle/Scale
1/90



Welded joints J3 to J8 see WPS on page 7
For partlists see pages 8-9

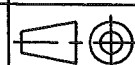
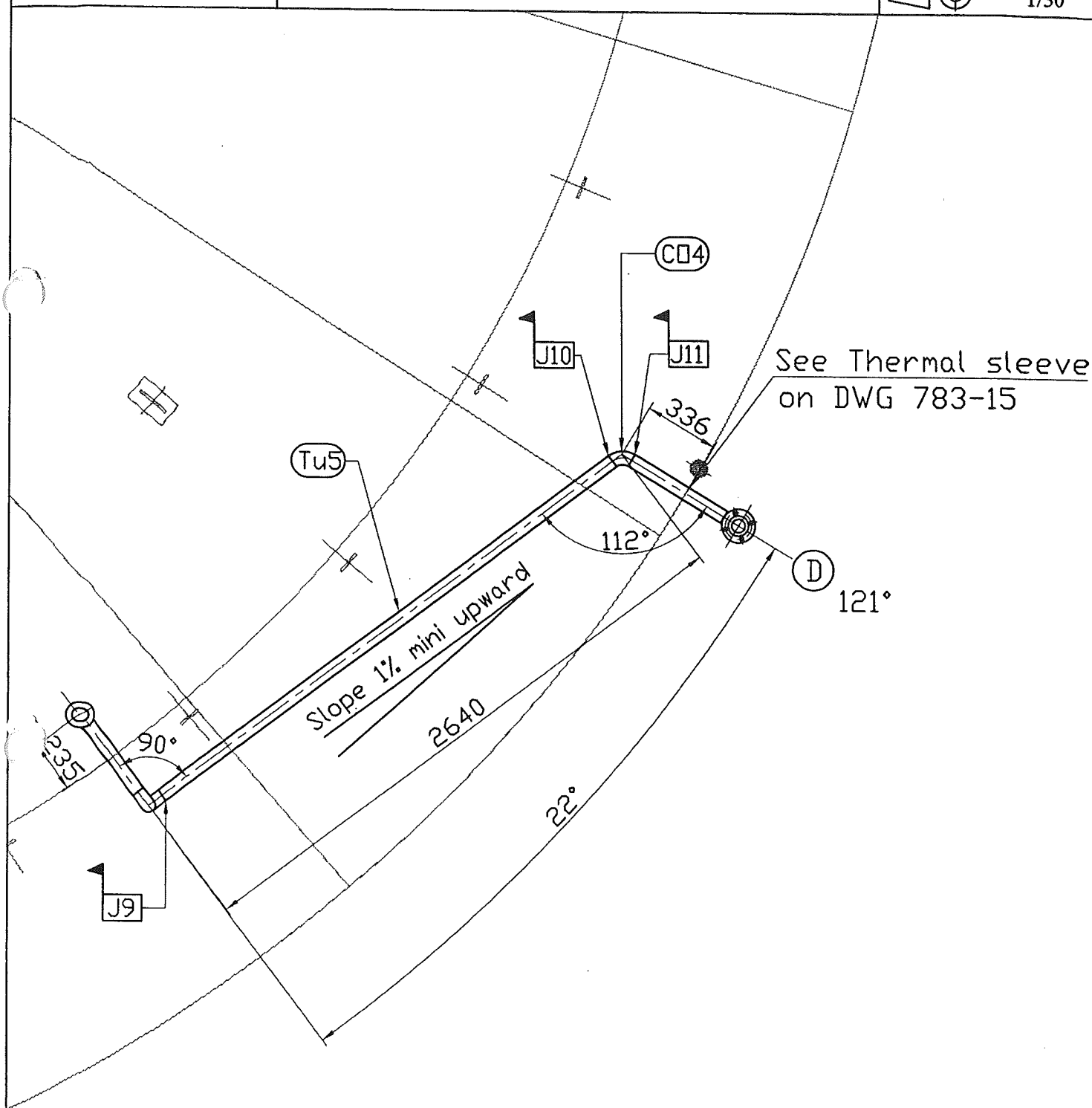
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Client / Customer : AIR LIQUIDE AGS GmbH

Engineered System N° :

Rev 0

Plan N° : 783-16.D**ORIENTATION VIEW**Echelle/Scale
1/30

Welded joints J9 to J11 see WPS on page 7
For partlists see pages 8-9

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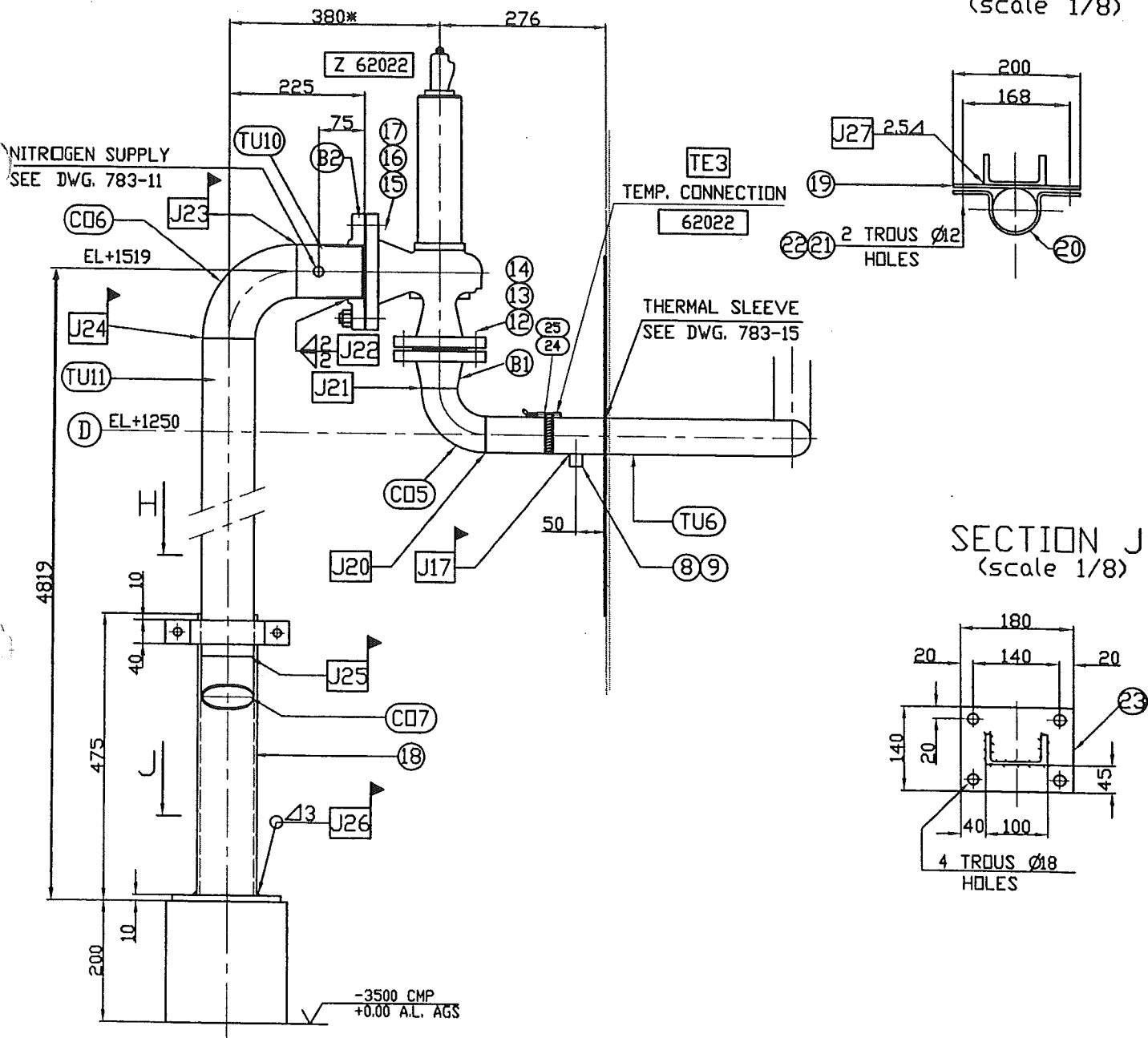
Client / Customer : AIR LIQUIDE AGS GmbH

Engineered System N° :

Rev 0

Plan N° : 783-16.D**DETAIL 4**Echelle/Scale
/**DETAIL 4**

*To be confirmed by customer

SECTION H
(scale 1/8)**SECTION J**
(scale 1/8)**Welded joints J17-J20 to J27 see WPS on page 7****For partlists see pages 8-9**

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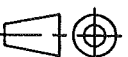
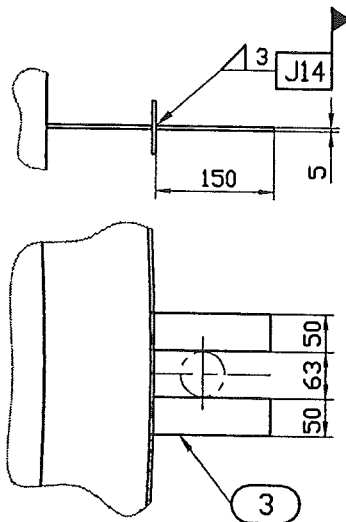
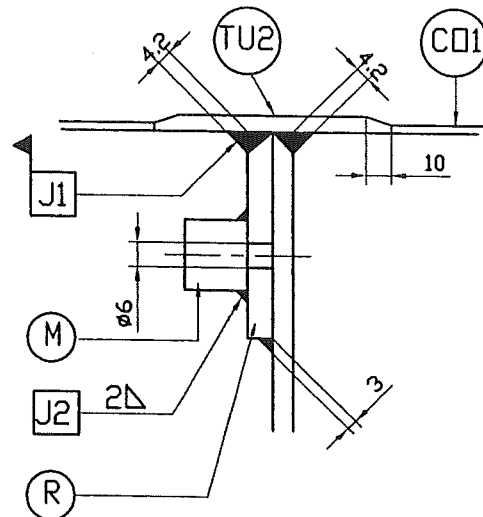
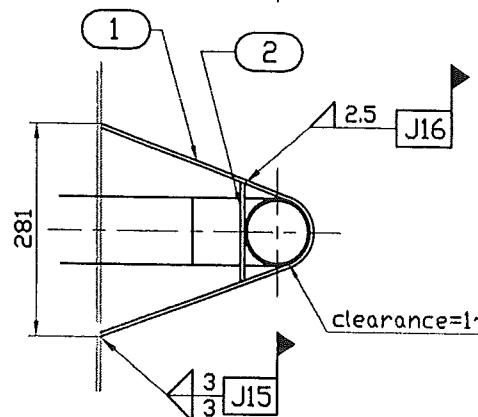
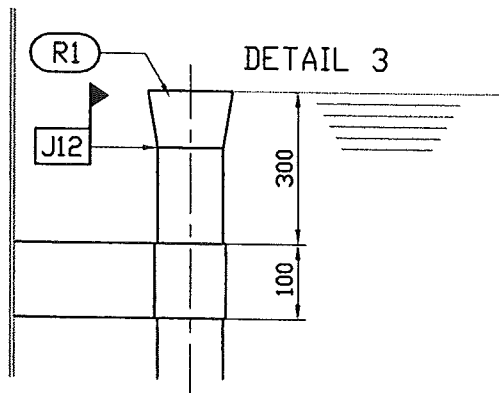
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Client / Customer : AIR LIQUIDE AGS GmbH

Engineered System N° :

Rev 0

Plan N° : 783-16.D**DETAILS 2-3 & 4** Echelle/Scale /**DETAIL 2****DETAIL 1****DETAIL 3****Welded joints J1-J2-J12-J14 to J16 see WPS on page7****For partlists see pages 8-9**

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Client / Customer : AIR LIQUIDE AGS GmbH **Engineered System N° :**

Plan N° : 783-16.D

WPS TABLE

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Echelle/Scale

1) TYPICAL FILLET WELD



2)  = SITE WELDING

Welded joints identification	Welding procedure specification (4)
J1 ➤	1345
J2	1201
J3	1114
J4	1114
J5 ➤	1114
J6 ➤	1114
J7 ➤	1114
J8 ➤	1114
J9 ➤	1114
J10 ➤	1114
J11 ➤	1114
J12 ➤	1114
J14 ➤	1201
J15 ➤	1201
J16 ➤	1201
J17 ➤	1201
J20	1114
J21	1114
J22	1201
J23 ➤	1114
J24 ➤	1114
J25 ➤	1114
J26 ➤	2203/2205
J27	3205
(4) see list on CRYO-CS1	

(4) see list on CRYO-CS1

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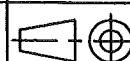
Client / Customer : AIR LIQUIDE AGS GmbH

Engineered System N° :

Rev 0

Plan N° : 783-16.D**NOMENCLATURE/LISTE DE COLISAGE**

PART LIST/PACKING LIST



Echelle/Scale

		TUBULURE D (nozzle D)					
		PIECES LIVREES NON ASSEMBLEES ITEMS DELIVERED IN SEPARATE PARTS					
CO2	1	COUDE Ø60.3x2.77(elbow LR 2" sch 10S 90°) WELDED	A403 WP304L	/	0.5		
TU3	1	TUBE Ø60.3x2.77(pipe 2" sch 10S) lg: 6000 WELDED	A312 TP304L	/	24.5		
TU4	1	TUBE Ø60.3x2.77(pipe 2" sch 10S) lg: 4150 (1) WELDED	A312 TP304L	/	16.5		
CO3	1	COUDE Ø60.3x2.77(elbow LR 2" sch 10S 90°) WELDED	A403 WP304L	/	0.5		
TU5	1	TUBE Ø60.3x2.77(pipe 2" sch 10S) lg: 2840 (1) WELDED	A312 TP304L	/	11		
CO4	1	COUDE Ø60.3x2.77(elbow LR 2" sch 10S 90°) WELDED	A403 WP304L	/	0.5		
R1	1	REDUC. CONC.Ø88.9xØ60.3 Sch 10S (conc. Reducer 3''/2'')	A403 WP304L	/	0.5		
1	2	TOLE Ep.5 (plate thk 5)	A240 304L*	/	4		
2	2	TOLE Ep.5 (plate thk 5)	A240 304L*	/	/		
3	4	TOLE Ep.5 (plate thk 5) 150x50	A240 304L*	/	0.5		
CO6	1	COUDE Ø88.9x2.11(elbow LR 3" sch 5S 90°) WELDED	A403 WP304L	/	1		
TU11	1	TUBE Ø88.9x2.11(pipe 3" sch 5S) lg: 4500 (1) WELDED	A312 TP304L	/	8.2		
CO7	1	COUDE Ø88.9x2.11(elbow LR 3" sch 5S 90°) WELDED	A403 WP304L	/	1		
8	1	MANCHON (half coupling) 1/4" NPT 3000#	304L/316L*		/		
9	1	BOUCHON MÂLE (plug male) 1/4" NPT 3000#	304L/316L*		/		
12	1	JOINT (gasket) Ø104xØ60x3	Klingersil C4430		/		
13	4+1	TIGE FILETEE (threaded stud) M16x100	A193 B8M CII		1		
14	8+2	ECROU (nut) Hh M16	A194 8M		/		
15	1	JOINT (gasket) Ø136xØ89x3	Klingersil C4430		/		
16	4+1	TIGE FILETEE (threaded stud) M16x100	A193 B8M CII		1		
17	8+2	ECROU (nut) Hh M16	A194 8M		/		
18	1	UPN 100x50x6 Lg.465	S235JRG2*		4.8		
19	1	TOLE Ep.5 (plate thk 5) 200x40	A240 304L*	/	0.3		
20	1	COLLIER Ep.5 (collar thk 5)	A240 304L*	/	0.3		
21	2	VIS (screw) HM10x30	NFE25100 / A2*		/		
22	2	ECROU (nut) H M10	NFE25100 / A4*		/		
23	1	TOLE Ep.10 (plate thk 10) 200x180	S235JRG2*		2.9		
24	1	SONDE PT 100 Ohms TE 62022	SS	/	/		
25	1	COLLIER (collar) DN50	SS	/	/		
(1) including an overlength of 200 mini			* or equivalent		79		
REP	Qté	DESIGNATION	rev	NORME/NUANCE	EN10204	POIDS NET Lg	CERTIF N° 4
ITEM	Qty	DESIGNATION	rev	NORM/MATERIAL	CERTIF	NET WEIGHT	VISA EXP

SUPPLY BY CMP Arles

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