

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 B 62001

TUBULURE A2 (DN150)

NOZZLE A2

SAFETY VALVE LINE

2		17/05/05	HONNONS		17/05/05	HULIN		17/05/05	LEBOUCQ		
1		16/12/04	NANTIER		16/12/04	HULIN		16/12/04	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 : **783-14.A2**
CMP Arles document N°

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revision number

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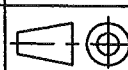
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Engineered System N° :

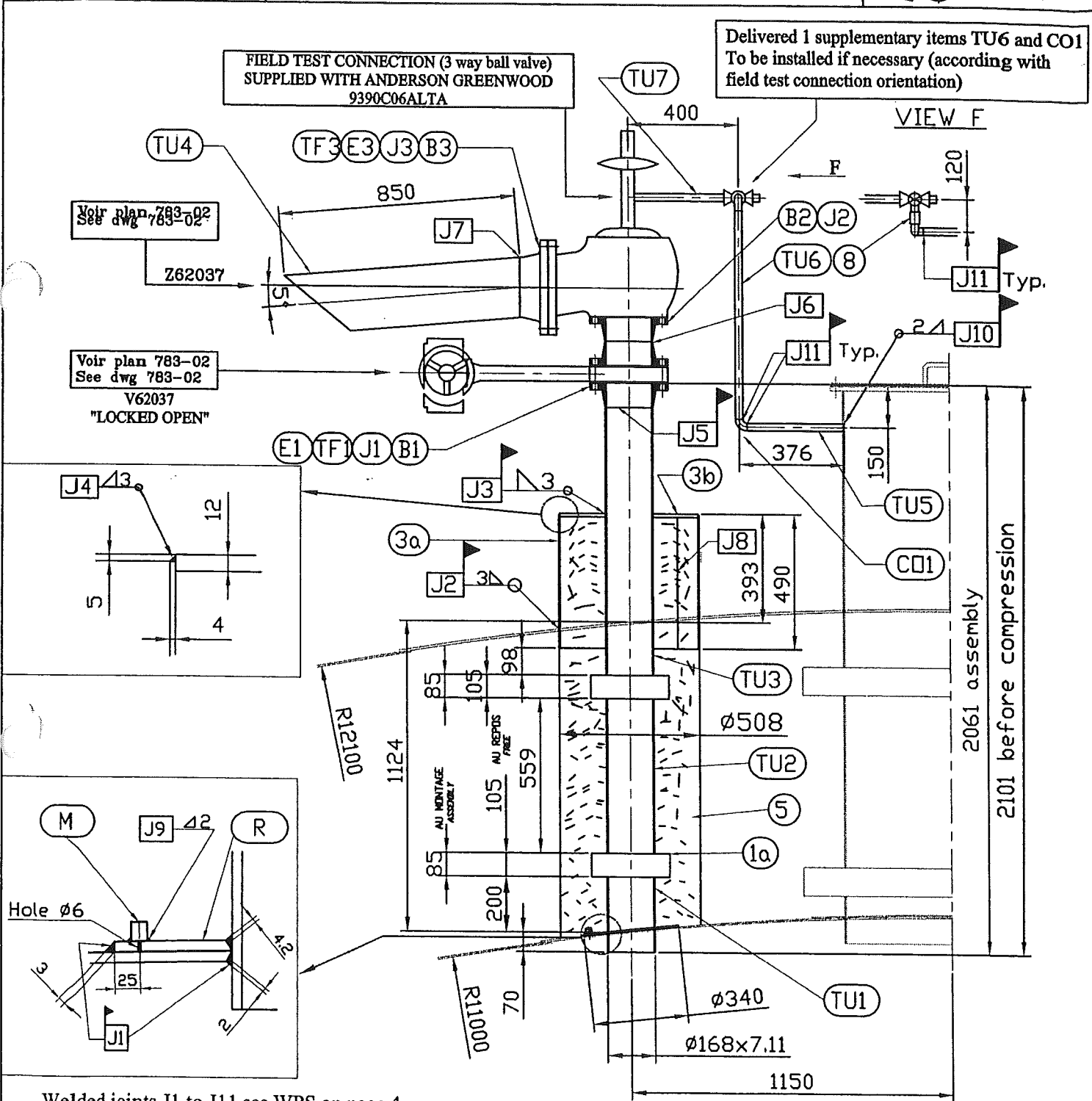
Rev 0

Plan N° : 783-14.A2

NOZZLE A2



Echelle/Scale
1/20



Welded joints J1 to J11 see WPS on page 4

For partlist see page 5

For orientation see DWG 783-02

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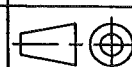
Client / Customer : AIR LIQUIDE AGS GmbH

Engineered System N° :

Rev A

Plan N° : 783-14.A2**NOMENCLATURE/LISTE DE COLISAGE**

PART LIST/PACKING LIST



Echelle/Scale

/

NOZZLE A2									
S/E.1	1	SUB-ASSEMBLY INCLUDING ITEMS:						23	
TU4	1	TUBE (pipe) RS 8" Sch 10S			A312 TP304L	/			
B3	1	BRIDE (flange) 8" WN 150# FF ANSI B16.5 Ra : 3,2 to 6,3	A		A182 F304L	/			
S/E.2	1	SUB-ASSEMBLY INCLUDING ITEMS:						40.5	
3b	1	TOLE (plate) Thk.12			A240 304/304L	/			
3a	1	MANCHETTE (pipe) Ø508 O.D Thk.5			A240 304/304L	/			
S/E.3	1	SUB-ASSEMBLY INCLUDING ITEMS:						3	
R	1	TOLE (plate) Ø340x6			A240 304	3.1b			
M	1	1/2 MANCHON(half coupling) 1/4" NPT			304L/316L*	/			
S/E.4	1	SUB-ASSEMBLY INCLUDING ITEMS:						30	
1a	2	COMPENSATEUR (compensator) DN150 PN1			304L/321	3.1b			
		Axial : ±50 Lateral : ±6							
TU1	1	TUBE (pipe) ESS 6" Sch 40S			A312 TP304L	3.1b			
TU2	1	TUBE (pipe) RS 6" Sch 10S			A312 TP304L	/			
TU3	1	TUBE (pipe) RS 6" Sch 10S			A312 TP304L	/			
S/E.5	1	SUB-ASSEMBLY INCLUDING ITEMS:						22	
B1	1	BRIDE (flange) 6" WN 150# RF ANSI B16.5 Ra : 3,2 to 6,3			A182 F304L	/			
B2	1	BRIDE (flange) 6" WN 150# FF ANSI B16.5 Ra : 3,2 to 6,3			A182 F304L	/			
		PIECES LIVREES NON ASSEMBLEES							
		ITEMS DELIVERED IN SEPARATES PARTS							
B1	1	BRIDE (flange) 6" WN 150# RF ANSI B16.5 Ra : 3,2 to 6,3			A182 F304L	/		11	
J1	2	JOINT (gasket) Ø222x168x3			KLINGERSIL C4430	/		0.2	
J2	1	JOINT (gasket) Ø279x168x3 drilled 8 holes Ø22 on Ø241.3			KLINGERSIL C4430	/		0.2	
J3	1	JOINT (gasket) Ø343x219x3 drilled 8 holes Ø22 on Ø298.4	A		KLINGERSIL C4430	/		0.1	
5	0.5	ROULEAU DE LAINE DE ROCHE (rockwool rool)				/		5	
TF1	16+2	TIGE FILETEE (thread stud) M20x 80 MUNIE DE 1			A193 B8M CII	/		9	
E1		ECROU (with 1 nut) HhM20			A194 8M				
TF3	8+1	TIGE FILETEE (thread stud) M20x 120 MUNIE DE 2			A193 B8M CII	/		3.5	
E3		ECROUS (with 2 nuts) HhM20			A194 8M				
TU5	1	TUBE (pipe) RS 3/4" sch 40S Lg: 376			A312 TP304L	/		0.6	
TU6	1+1	TUBE (pipe) RS 3/4" sch 40S Lg: 1200 including overlength			A312 TP304L	/		3.4	
TU7	1	TUBE (pipe) RS 3/4" sch 40S Lg: 100			A312 TP304L	/		0.2	
CO1	2+1	COUDE (elbow) RS LR 90° 3/4" sch 40S			A403 WP304L	/		0.3	
8	1	RACCORD 3 PIECES (3 pieces fitting)			304L/316L*	/		1	
		1/2" NPT MALE / 3/4" BW							
					* or equivalent			153.0	
REP	Q/6	DESIGNATION			rev	NORME/NUANCE	EN10204	POIDS NET kg	CERTIF. N°
ITEM	Qty	DESIGNATION			rev	NORM/MATERIAL	CERTIF	NET WEIGHT	WTA. N°

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