

Dossier CMP Arles : 783

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Client / Customer : AIR LIQUIDE AGS GmbH


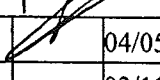

Engineered System N° :

# 1 RESERVOIR DE STOCKAGE LOX 1800MT

## 1 X 1800MT LOX STORAGE TANK

### ITEM D 62001

**TUBULURE R3 (DN50)**  
**NOZZLE R3**  
**GAS RETURN**

2		04/05/05	DUPRESSOIR		04/05/05	HULIN		04/05/05	LEBOUCQ		
1		02/11/04	NANTIER		02/11/04	HULIN		02/11/04	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			

**ASU No.9 KOSICE**

Classement CMP Arles :

**783-16.R3**

CMP Arles document N°

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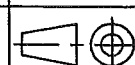
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Engineered System N° :

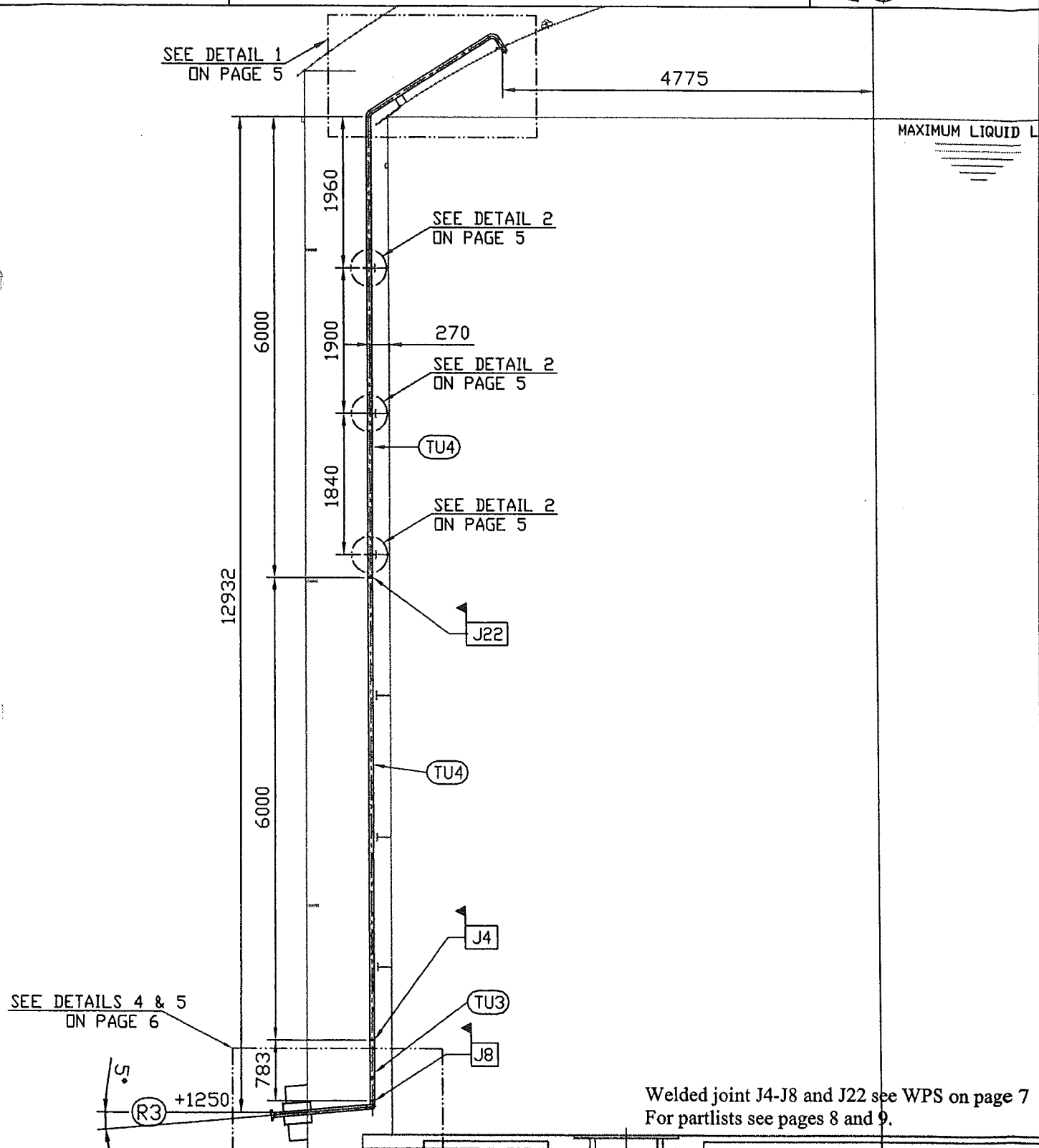
Rev 0

Plan N° : 783-16.R3

ELEVATION VIEW



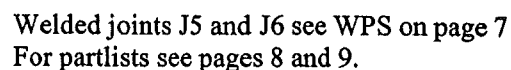
Echelle/Scale  
1/70



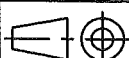
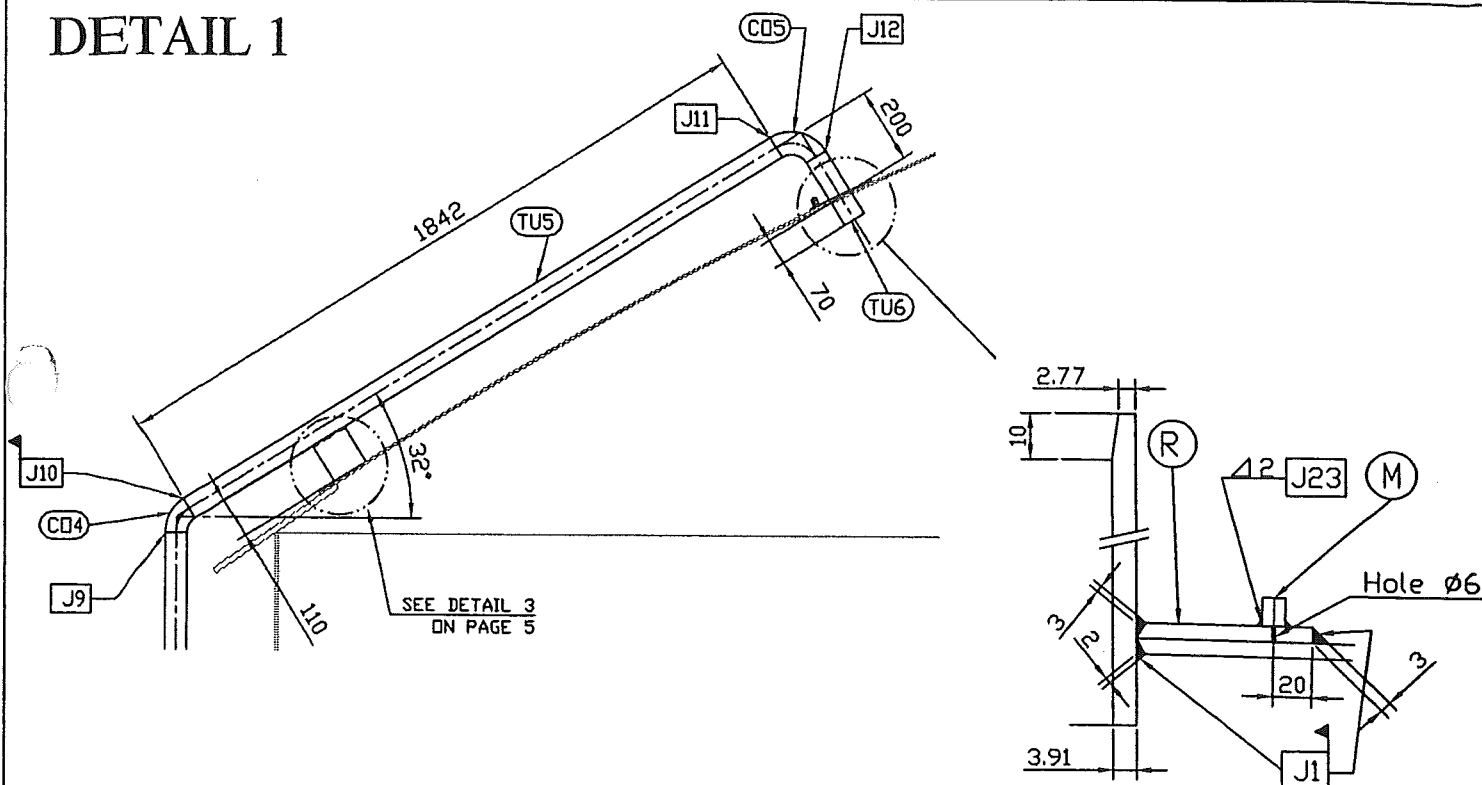
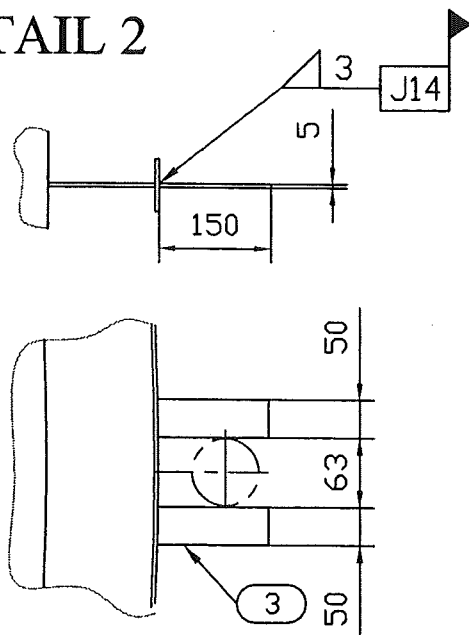
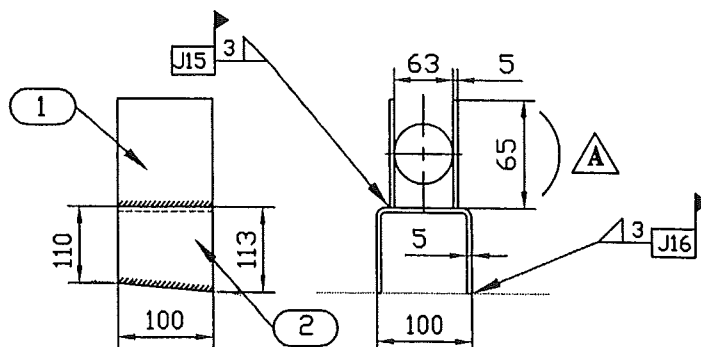
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Echelle/Scale  
1/40



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**Dossier CMP Arles : 783****Client / Customer : AIR LIQUIDE AGS GmbH***Engineered System N° :***Page/Sheet 5/9****Rev A****Plan N° : 783-16.R3****DETAILS 1 TO 3** **Echelle/Scale**  
/**DETAIL 1****DETAIL 2****DETAIL 3**

Welded joints J1 - J9 to J12-J14 to J16 - J23 see WPS on page 7

For partlists see pages 8 and 9.

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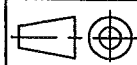
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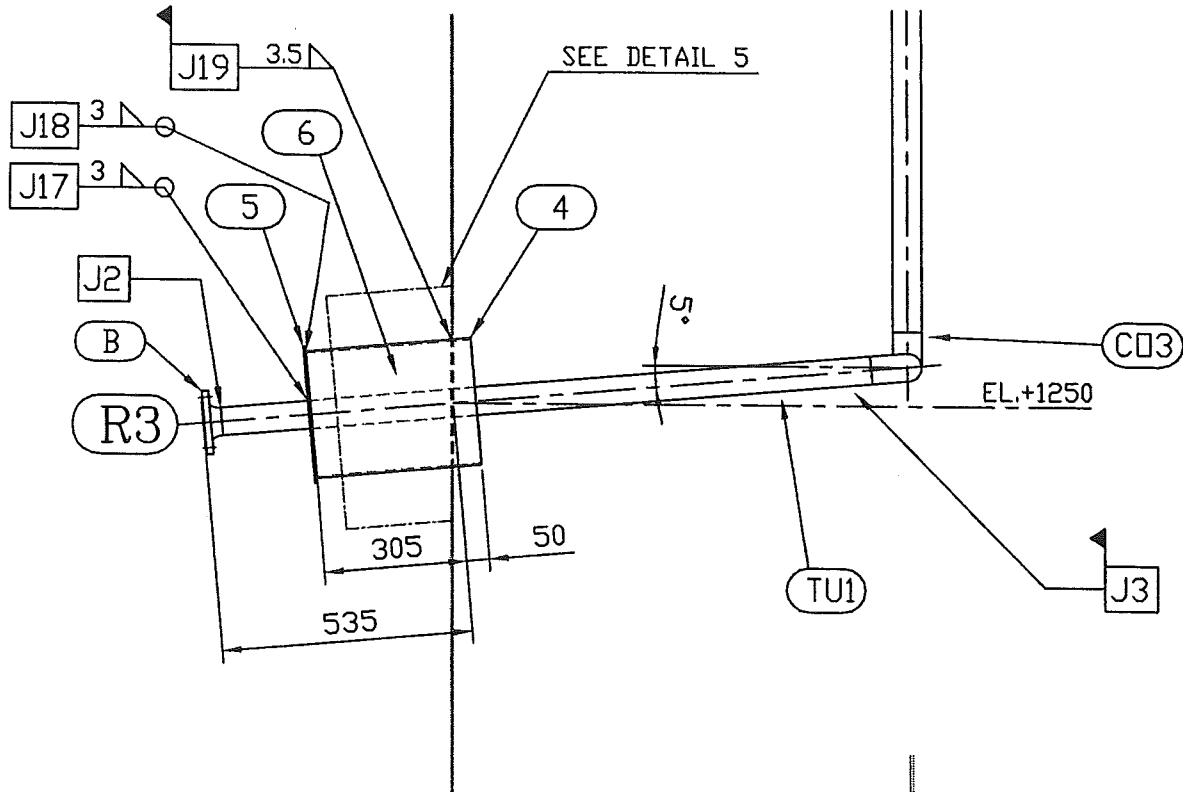
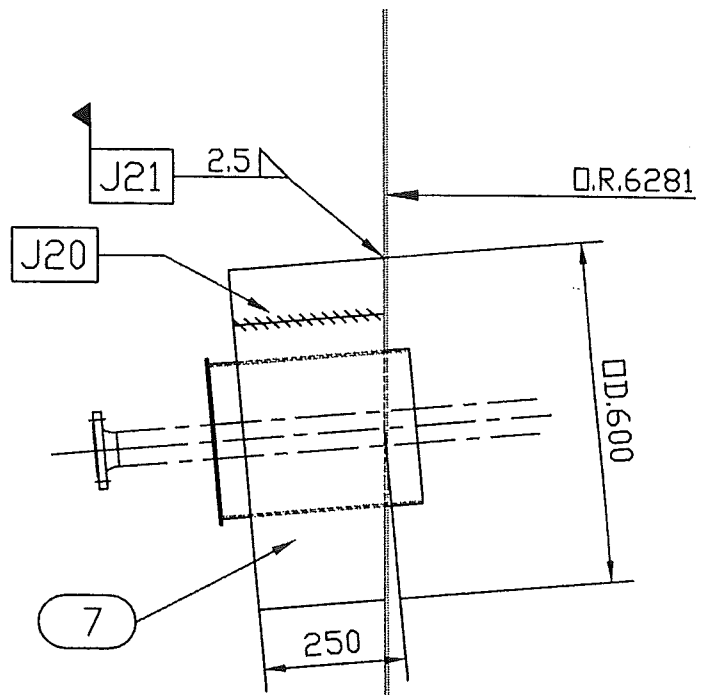
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Engineered System N° :

Rev 0

**Plan N° : 783-16.R3****DETAILS 4 - 5**

Echelle/Scale

**DETAIL 4****DETAIL 5**

Welded joint J2 to J3 - J17 to J21 see WPS on page 7  
For partlists see pages 8 and 9.

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Echelle/Scale

2)  = SITE WELDING

<b>Welded joints identification</b>	<b>Welding procedure specification (4)</b>
J1    ▶	1345
J2	1114
J3	1114
J4    ▶	1114
J5    ▶	1114
J6    ▶	1114
J8    ▶	1114
J9    ▶	1114
J10	1114
J11	1114
J12	1114
J14   ▶	1201
J15   ▶	1201
J16   ▶	1201
J17	1201
J18	1201/1205
J19   ▶	3203/3205
J20	2104/2110
J21   ▶	2203
J22   ▶	1114
J23	1201/1205
(4) see list on CRYO-CS1	

(4) see list on CRYO-CS1

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**Engineered System N° :**

Rev 0

**Plan N° : 783-16.R3**

**NOMENCLATURE / LISTE DE COLISAGE**  
**PART LIST / PACKING LIST**



Echelle/Scale

		<b>NOZZLE R3</b>						
S/E 1	1	<b>SUB-ASSEMBLY INCLUDING ITEMS:</b>					9	
B	1	BRIDE (flange) DIN 2635 form C DN50	A182 F304L	/				
TU1	1	TUBE (pipe) RS 2" sch 10S lg:1540 (1)	A312 TP304L	/				
CO2	1	COUDE (elbow) RS LR 2" sch 10S 90°	A403 WP304L	/				
4	1	TUBE (pipe) RS 10" sch 5S lg:355	A312 TP304L	/				
5	1	TOLE (plate) thk.5 Ø293	A240 304L	/				
S/E 2	1	<b>SUB-ASSEMBLY INCLUDING ITEMS:</b>					12	
TU5	1	TUBE (pipe) RS 2" sch 10S lg: 1842	A312 TP304L	/				
CO5	1	COUDE (elbow) RS LR 2" sch 10S 90°	A403 WP304L	/				
CO4	1	COUDE (elbow) RS LR 2" sch 10S 90°	A403 WP304L	/				
TU6	1	TUBE (pipe) SS 2" sch 40S lg: 194	A312 TP304L	3.1b				
S/E 3	1	<b>SUB-ASSEMBLY INCLUDING ITEMS:</b>					2	
R	1	TOLE (plate) thk.6 Ø150	A240 304	3.1b				
M	1	1/2 MANCHON (half coupling) 1/4"NPT	304L/316L*	/				
		(1) including overlength of 200 mini	* or equivalent				23	
REP.	Ole	DESIGNATION	NORMENUEANCE	ENI0203	FORDSNET kg	CERTIF	NET WEIGHT	VISA P
ITEM	Oly	DESIGNATION	NORM/MATERIAL	CERTEF	NET WEIGHT	VISA P		

REP	Q16	DESIGNATION	REV	NORM/ MATERIAL	EN10204	FOI/DS NET WT	CR/TS
ITEM	Q17	DESIGNATION	REV	NORM/ MATERIAL	CERTIF	NET WEIGHT	USA IN

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