

Dossier CMP Arles : 783

Page/Sheet 1/12

Client / Customer : AIR LIQUIDE AGS GmbH


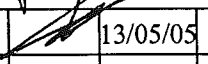

Engineered System N° :

1 RESERVOIR DE STOCKAGE LIN 1000MT

1 X 1000MT LIN STORAGE TANK

ITEM B 72001

TUBULURES N/A3 (Ø762/DN150)
NOZZLES N/A3
MANHOLE ROOF/BURSTING DISC

4		13/05/05	HONNONS		13/05/05	HULIN		13/05/05	LEBOUCQ		
1		06/12/04	HONNONS		06/12/04	HULIN		06/12/04	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 :
CMP Arles document N°**783-106**

Ce document est la propriété de CMP Arles. Il ne pourra sans autorisation écrite être utilisé ou communiqué à des tiers, toutes précautions utiles seront prises pour éviter sa divulgation.

This document is the property of the CMP Arles. It may not be used or transmitted to third parties without the written consent of the company.
All necessary precautions shall be taken to avoid disclosure.

Dossier CMP Arles : 783

Page/Sheet 2/12

Client / Customer : AIR LIQUIDE AGS GmbH**Plan N° : 783-106****INDICE DE REVISION: 0/A/B/C/ / / /***revision number*

Page	DESIGNATION <i>description</i>	INDICE DE REVISION									
		<i>revision number</i>									
		0	A	B	C	D	E	F	G	H	
1	Front page	1	2	3	4						
2	List of current revisions / subject of modifications	1	2	3	4						
3	Plan view & elevation	1	3								
4	Orientation view	1	2	4							
5	Elevation view (A3 detail)	1	2	4							
6	Details 1 to 3	1									
7	Details 4-5	1									
8	Detail ladder	1									
9	WPS table	1	2								
10	Part list / packing list	1									
11	Part list / packing list	1	2								
12	Part list / packing list	1	3	4							

OBJET DES MODIFICATIONS*Subject of modifications*

INDICE DE L'EDITION	OBJET DE LA MODIFICATION
<i>Edition N°</i>	<i>Subject of the modification</i>
1	Première diffusion / <i>First issue</i>
2	<i>Added mesh on A3</i>
3	<i>Modified Item 13 on page 3</i>
4	<i>Added note on page 4</i>

Ce document est la propriété de CMP Arles. Il ne pourra sans autorisation écrite être utilisé ou communiqué à des tiers, toutes précautions utiles seront prises pour éviter sa divulgation.

This document is the property of the CMP Arles. It may not be used or transmitted to third parties without the written consent of the company. All necessary precautions shall be taken to avoid disclosure.

*This document is the property of the CMP Arles. It may not be used or transmitted to third parties without the written consent of the company.
All necessary precautions shall be taken to avoid disclosure.*

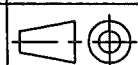
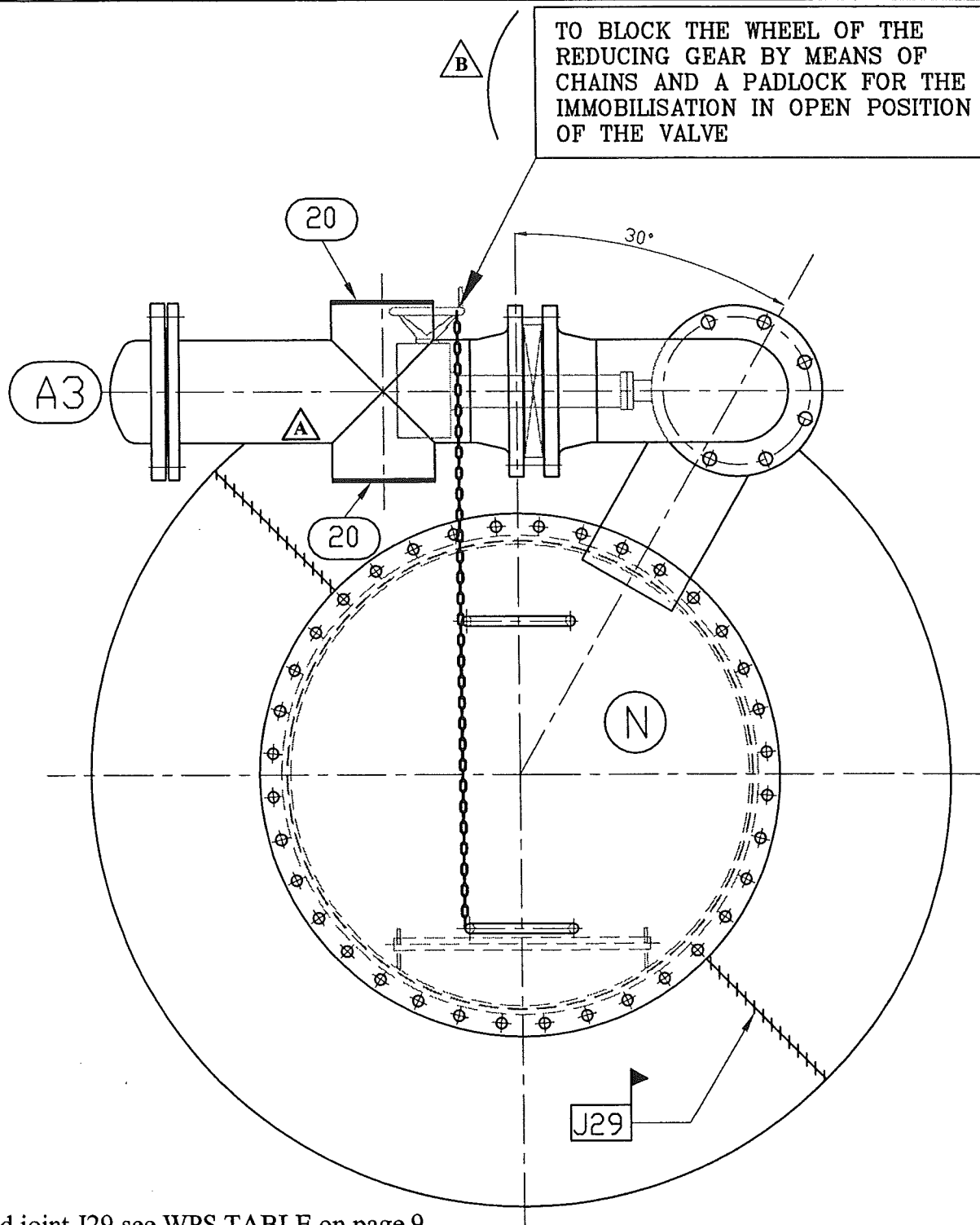
Dossier CMP Arles : 783

Page/Sheet 4/12

Client / Customer : AIR LIQUIDE AGS GmbH

Engineered System N° :

Rev B

Plan N° : 783-106**NOZZLES N-A3**
ORIENTATION VIEWEchelle/Scale
1/10

Welded joint J29 see WPS TABLE on page 9

For partlists see pages 10 to 12

For orientation see drawing 783-102

Ce document est la propriété de CMP Arles. Il ne pourra sans autorisation écrite être utilisé ou communiqué à des tiers, toutes
précautions utiles seront prises pour éviter sa divulgation.

This document is the property of the CMP Arles. It may not be used or transmitted to third parties without the written consent of the company.

All necessary precautions shall be taken to avoid disclosure.

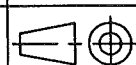
Dossier CMP Arles : 783

Page/Sheet 5/12

Client / Customer : AIR LIQUIDE AGS GmbH

Engineered System N° :

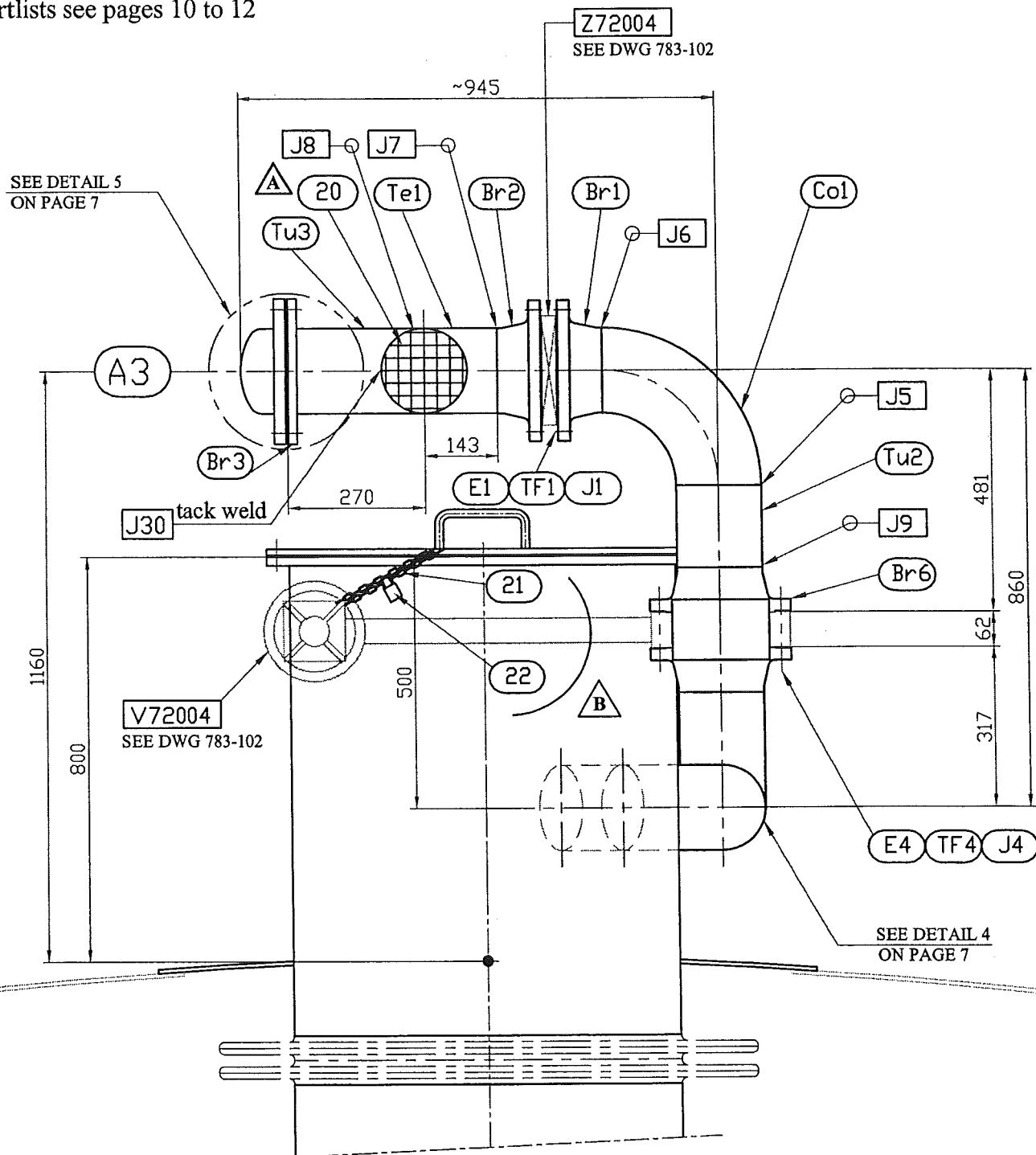
Rev B

Plan N° : 783-106**ELEVATION VIEW (A3 DETAIL)**Echelle/Scale
1/12

Welded joints J5 to J9 and J30

see WPS TABLE on page 9

For partlists see pages 10 to 12



Ce document est la propriété de CMP Arles. Il ne pourra sans autorisation écrite être utilisé ou communiqué à des tiers, toutes précautions utiles seront prises pour éviter sa divulgation.

This document is the property of the CMP Arles. It may not be used or transmitted to third parties without the written consent of the company.
All necessary precautions shall be taken to avoid disclosure.

Dossier CMP Arles : 783

Page/Sheet 6/12

Client / Customer : AIR LIQUIDE AGS GmbH

Engineered System N° :

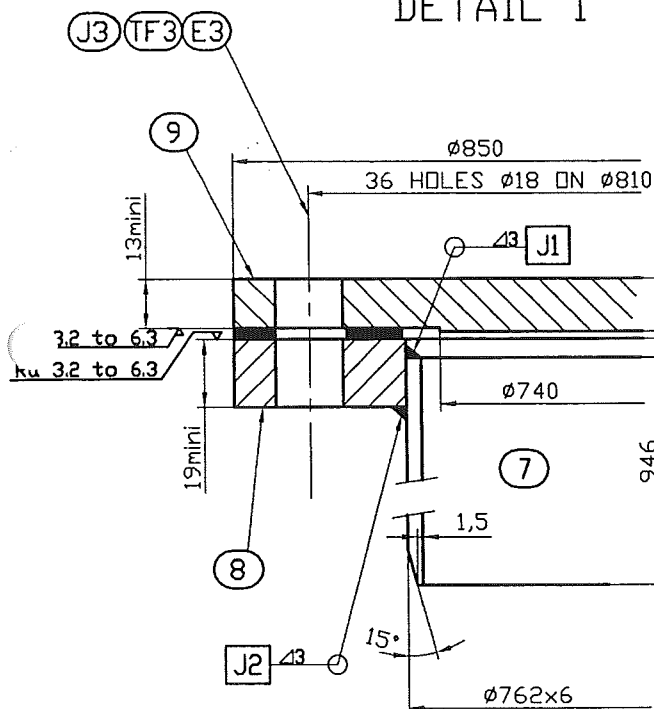
Rev 0

Plan N° : 783-106

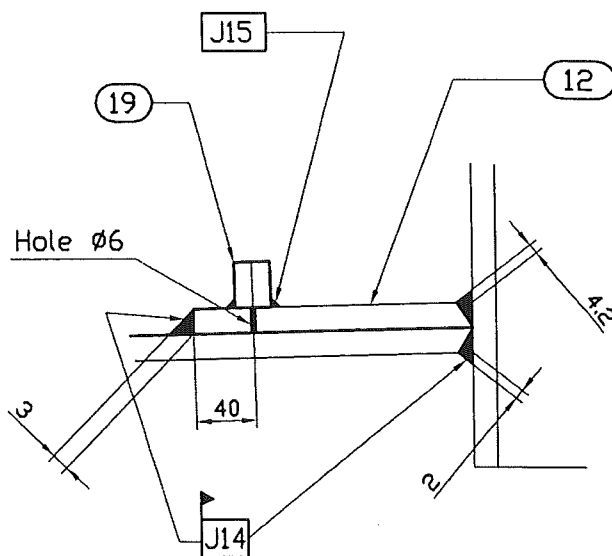
NOZZLE N
DETAILS 1 TO 3

Echelle/Scale
/

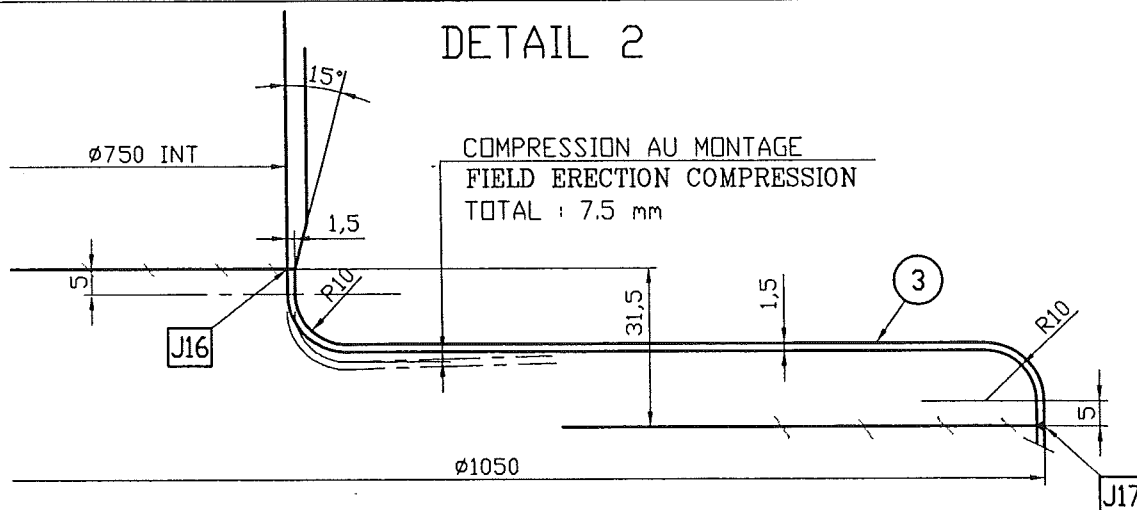
DETAIL 1



DETAIL 3



DETAIL 2



COMPRESSION AU MONTAGE
FIELD ERECTION COMPRESSION
TOTAL : 7.5 mm

LES SOUFFLETS SONT MONTER COMPRIMES DE 60 mm
AU TOTAL, SOIT PAR ASSIETTE 7.5 mm.

THE BELLOWS SHALL BE INSTALLED WITH 60 mm
COMPRESSED (7.5 mm PER 1/2 BELLOW)

Welded joints J1, J2, J14 to J18 see WPS TABLE on page 9

For partlists see pages 10 to 12

Ce document est la propriété de CMP Arles. Il ne pourra sans autorisation écrite être utilisé ou communiqué à des tiers, toutes précautions utiles seront prises pour éviter sa divulgation.

This document is the property of the CMP Arles. It may not be used or transmitted to third parties without the written consent of the company.
All necessary precautions shall be taken to avoid disclosure.

Dossier CMP Arles : 783

Client / Customer : AIR LIQUIDE AGS GmbH

Engineered System N° :

Plan N° : 783-106

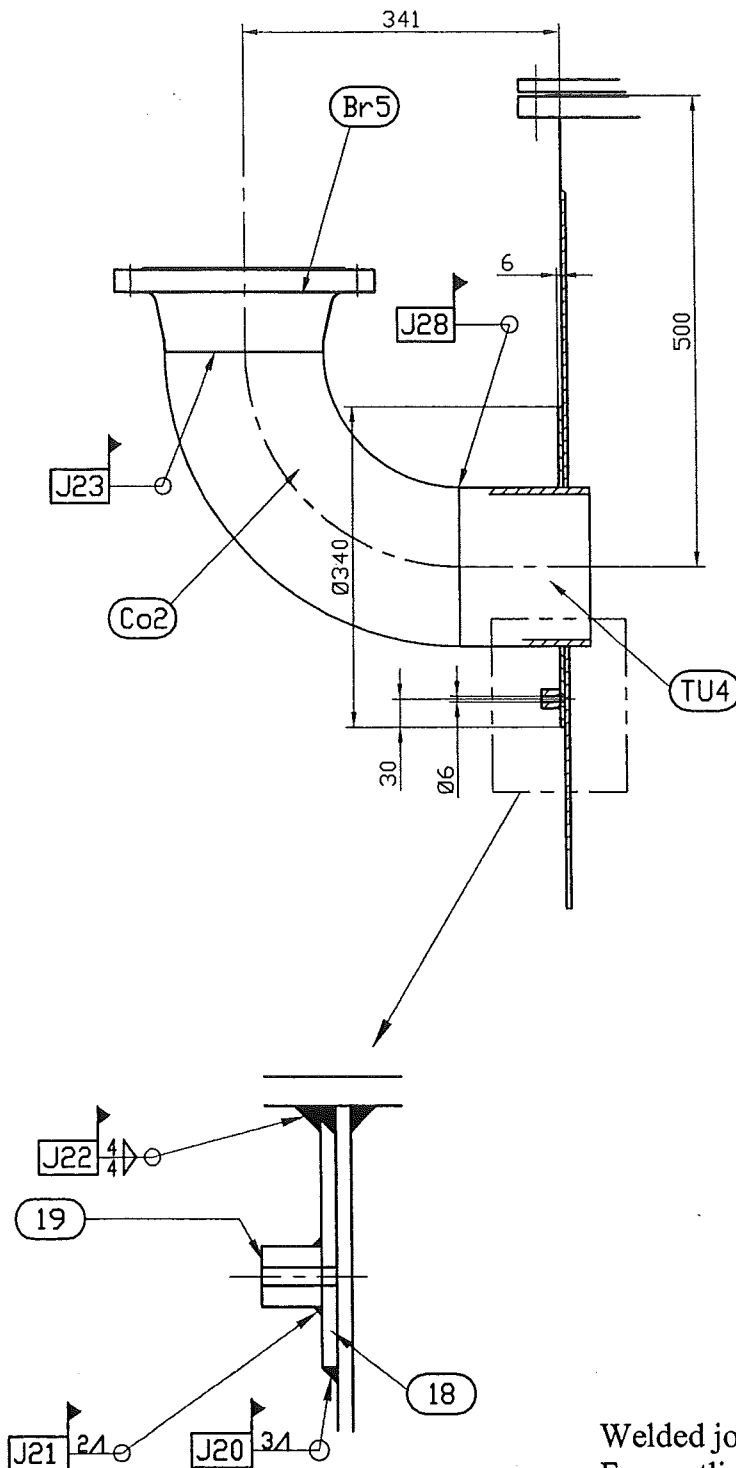
NOZZLES N-A3

DETAILS 4-5

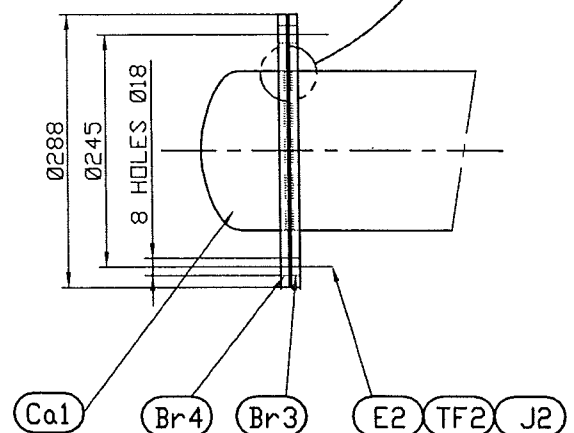
Page/Sheet 7/12
Rev 0

Echelle/Scale
/

DETAIL 4



DETAIL 5



Welded joints J20 to J25-J28 see WPS TABLE on page 9
For partlists see pages 10 to 12

Ce document est la propriété de CMP Arles. Il ne pourra sans autorisation écrite être utilisé ou communiqué à des tiers, toutes précautions utiles seront prises pour éviter sa divulgation.

This document is the property of the CMP Arles. It may not be used or transmitted to third parties without the written consent of the company.
All necessary precautions shall be taken to avoid disclosure.

Dossier CMP Arles : 783

Page/Sheet 8/12

Client / Customer : AIR LIQUIDE AGS GmbH

Engineered System N° :

Rev 0

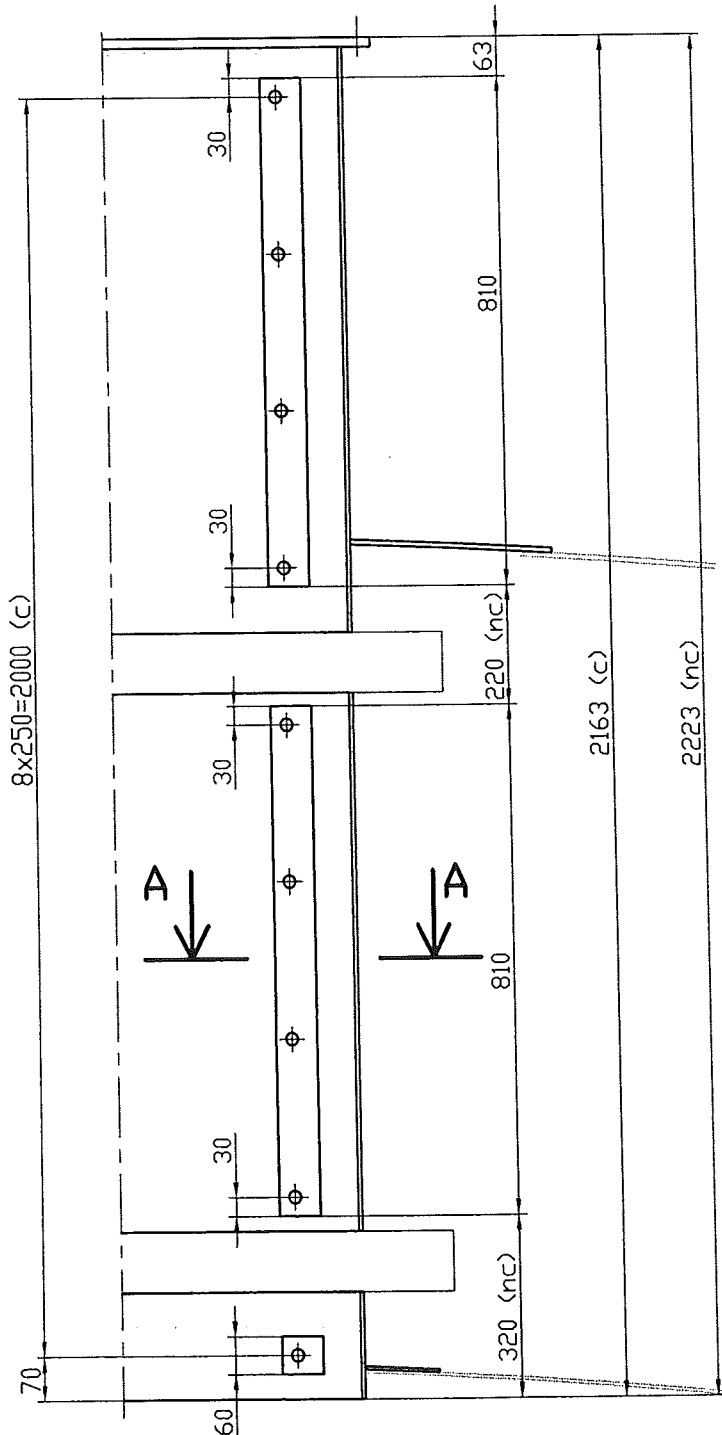
Plan N° : 783-106

NOZZLES N-A3
DETAIL LADDER

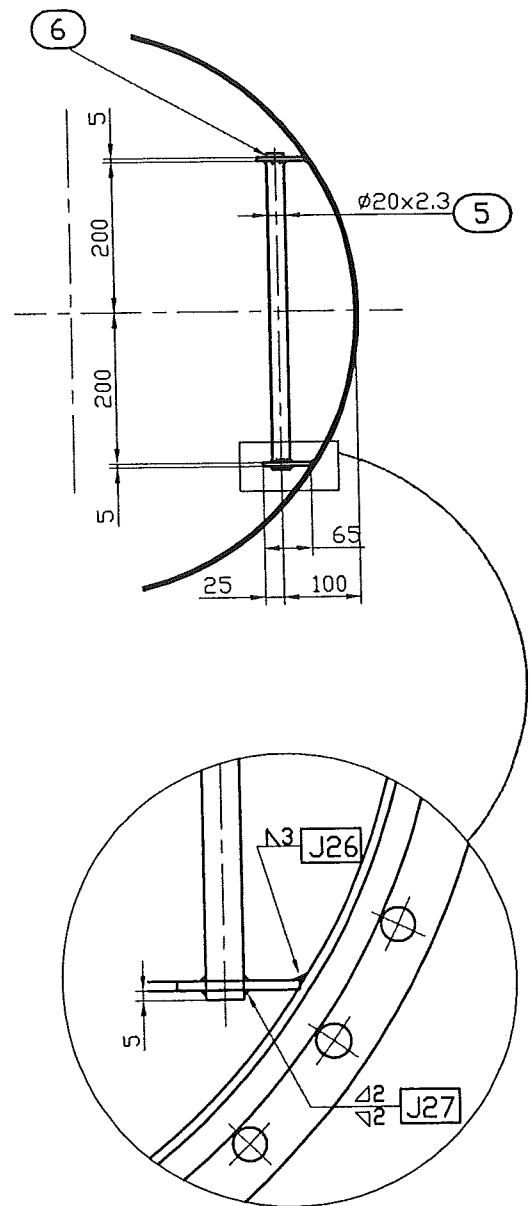
Echelle/Scale
/

(nc) : NOT COMPRESSED
(c) : COMPRESSED

Welded joints J26, J27 see WPS TABLE on page 9
For partlists see pages 10 to 12



SECTION AA



Ce document est la propriété de CMP Arles. Il ne pourra sans autorisation écrite être utilisé ou communiqué à des tiers, toutes précautions utiles seront prises pour éviter sa divulgation.

This document is the property of the CMP Arles. It may not be used or transmitted to third parties without the written consent of the company.
All necessary precautions shall be taken to avoid disclosure.

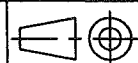
Dossier CMP Arles : 783

Page/Sheet 9/12

Client / Customer : AIR LIQUIDE AGS GmbH

Engineered System N° :

Rev A

Plan N° : 783-106**WPS TABLE**

Echelle/Scale

/

1) TYPICAL FILLET WELD



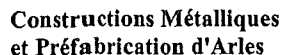
2)



= SITE WELDING

Welded joints identification	Welding procedure specification (4)
J1	1205/1206
J2	1205/1206
J3	1201
J4	1205
J5	1114
J6	1114
J7	1114
J8	1114
J9	1114
J10	3203/3205
J11	1108
J12	1108
J13	1108
J14	1345
J15	1201
J16	1113
J17	1113
J20	1201
J21	1201
J22	1201
J23	1114
J24	1201/1205
J25	1201/1205
J26	1201
J27	1201
J28	1114
J29	1115
J30	1201
(4) see list on CRYO-CS1	





Mail:contact@cmparles.com

Mail: cryo.soissons@cmparles.com

Rev 0

Echelle/Scale

[illegible]

SUPPLY BY CMP Arles

*This document is the property of the CMP Arles. It may not be used or transmitted to third parties without the written consent of the company.
All necessary precautions shall be taken to avoid disclosure.*

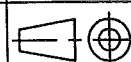
*This document is the property of the CMP Arles. It may not be used or transmitted to third parties without the written consent of the company.
All necessary precautions shall be taken to avoid disclosure.*

Dossier CMP Arles : 783

Page/Sheet 12/12

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

Rev B

Plan N° : 783-106**NOMENCLATURE/LISTE DE COLISAGE**
PART LIST/PACKING LISTEchelle/Scale
/

PIECES LEVREES NON ASSEMBLEES ITEMS DELIVERED IN SEPARATES PARTS						
J3	1	JOINT Ø850x760x3 PERCE DE 36 TROUS Ø18 SUR Ø810 (gasket Ø850x760x3 drilled 36 holes Ø18 on Ø810)	KLINGERSIL C4430	/	0.5	
TF3	36+2	TF (threaded stud) M16/90 + 2 ECROUS (nuts) HhM16	193 B8McII /	/	8	
E3			A194 8M			
13	1	TOLE (plate in 2 parts) Ø1400x764x10 EN 2 PARTIES	A240 304/304L	/	24	
18	1	TOLE DE RENFORT (reinforcement plate) Ø340x170 thk:5	A240 304/304L	/	3	
19	1	DEMI-MANCHON 1/4" NPT (half coupling)	304L/316L*	/	/	
Co2	1	COUDE (elbow) RS LR 6"sch 40S	A403 WP304L	/	11	
Br5	1	BRIDE (flange) ANSI B16-5 WN150# 6" RF Ra:3,2 to 6,3	A182 F304L	/	10.8	
Tu4	1	TUBE (pipe) SS 6" sch 40S	A312 TP304L	3.1b	7	
J1	2	JOINT(gasket) Ø222x168x3	KLINGERSIL C4430	/	0.5	
TF1	8+1	TIGE FILETEE (threaded stud) M20 lg:140 MUNIE DE	A193 B8M CII	/	4	
E1		2 ECROUS (with 2 nut) HhM20	A194 8M	/		
J2	1	JOINT(gasket) Ø288x170x3 drilled 8 holes Ø18 on Ø245	KLINGERSIL C4430	/	/	
TF2	8+1	TIGE FILETEE (threaded stud) M16 lg:75 MUNIE DE	A193 B8M CII	/	2	
E2		2 ECROUS (with 2 nut) HhM16	A194 8M	/		
J4	2	JOINT(gasket) Ø222x168x3	KLINGERSIL C4430	/	/	
TF4	16+2	TIGE FILETEE (threaded stud) M20 lg: 80 MUNIE DE	A193 B8M CII	/		
E4		1 ECROU (with 1 nut) HhM20	A194 8M	/		
1	1	CHAINE (chain) Lg.~4m	B SS	/		
2	1	CADENAS (padlock)	B SS	/		
* or equivalent						
REP	Qte	DESIGNATION	rev	NORME/NUANCE	EN10204	POIDS NET kg
ITEM	Qty	DESIGNATION	rev	NORM/MATERIAL	CERTIF	NET WEIGHT

SUPPLY BY CMP Arles

Ce document est la propriété de CMP Arles. Il ne pourra sans autorisation écrite être utilisé ou communiqué à des tiers, toutes précautions utiles seront prises pour éviter sa divulgation.

This document is the property of the CMP Arles. It may not be used or transmitted to third parties without the written consent of the company.
All necessary precautions shall be taken to avoid disclosure.