

Dossier CMP Arles : 783

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Client / Customer : AIR LIQUIDE AGS GmbH


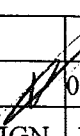

Engineered System N° :

1 RESERVOIR DE STOCKAGE LOX 1800 MT

1 X 1800 MT LOX STORAGE TANK

ITEM B 62001

SPECIFICATION FOR ANCHORAGE STRAPS EMBEDDED PART TESTING

1		01/02/05	DUPRESSOIR		01/02/05	REMY		01/02/05	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			


Classement CMP Arles : **783-ANC-01**
CMP Arles document N°

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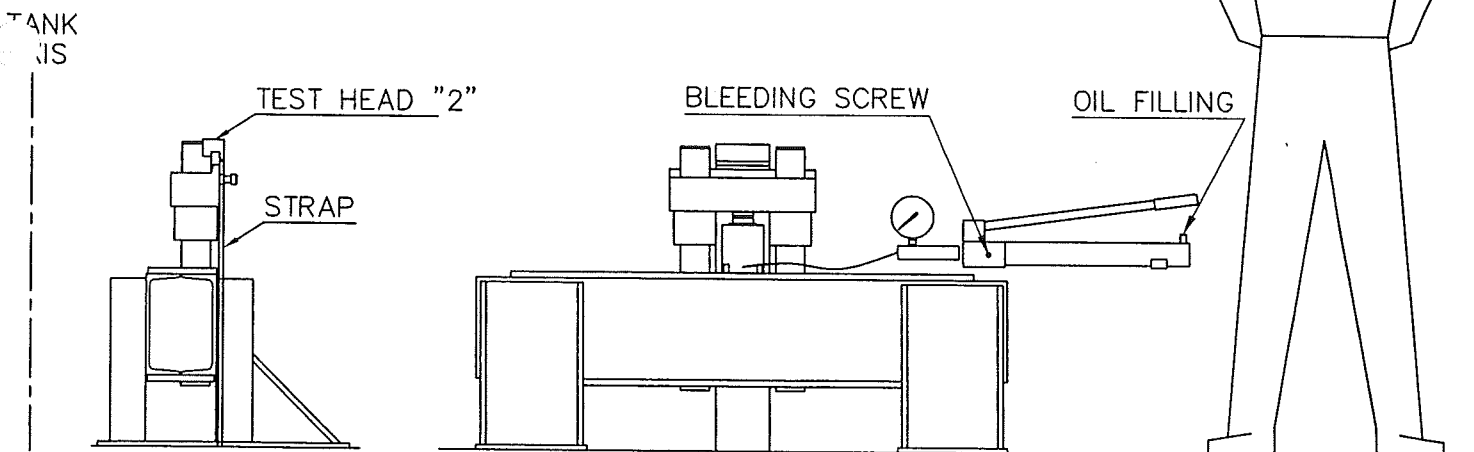
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revision number

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Rev 0**Proc. N° : 783-ANC-01****PROCESS PROGRESS** Echelle/Scale
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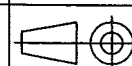
- 1 – THE TEST MUST BE ACCOMPLISHED BEFORE CLOSING FLAT BOTTOM FOR CONCRETE VISUAL EXAMINATION .
- 2 – THE CONCRETE MUST BE AT ITS MAXIMUM MECHANICAL CHARACTERISTICS DURING THE TEST (GENERALLY AFTER 28 DAYS CURRING) .
- 3 – THE QUANTITY OF ANCHORAGE STRAPS IS DEFINED ON THE DRAWING 783-01
– THE LOCATION OF ANCHORS TO BE TESTED MUST BE GIVEN BY THE CUSTOMER
– TESTED ANCHORS SHALL BE EQUALLY SPACED
– WELDING OF THE TEST HEAD ACCORDING TO WPS 0135 OF WELDING CATALOGUE CS1
- 4 – CHECK STRAP DIMENSIONS :
 - * WIDTH AND THICKNESS .
 - * LENGTH ABOVE CONCRETE .
 - * CONCRETE FLATNESS IN THE TEST AREAS .
- 5 – MOVE THE TEST MACHINE FROM STRAP TO STRAP WITH A MANUAL FORKLIFT
– THE HYDRAULIC CYLINDER IS AT LOW POSITION.

 TOP CONCRETE SLAB DON'T PUT AND LEAVE OIL

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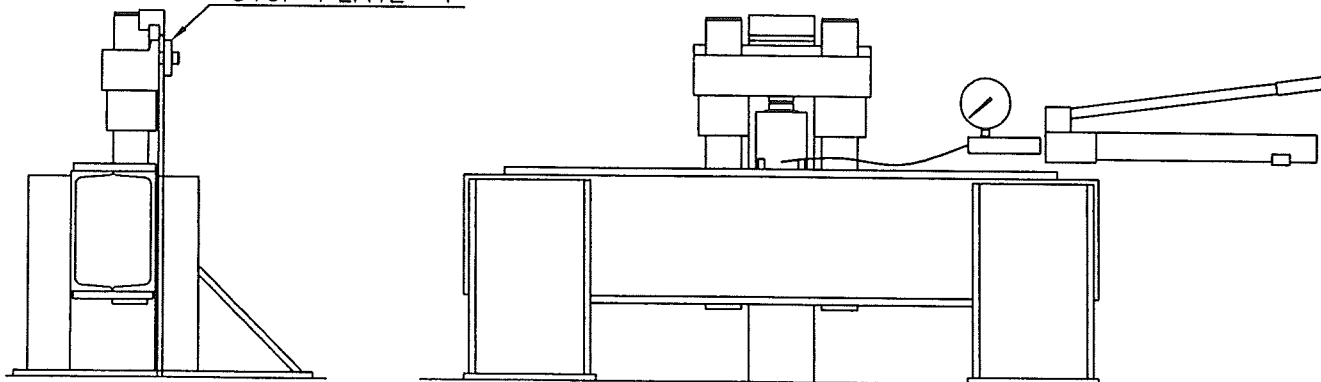
Rev 0

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6 - POSITION THE STOP PLATE "4" USING THE 20 DIA. PINS TO MAINTAIN STRAP IN POSITION

TANK
AXIS

STOP PLATE "4"



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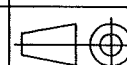
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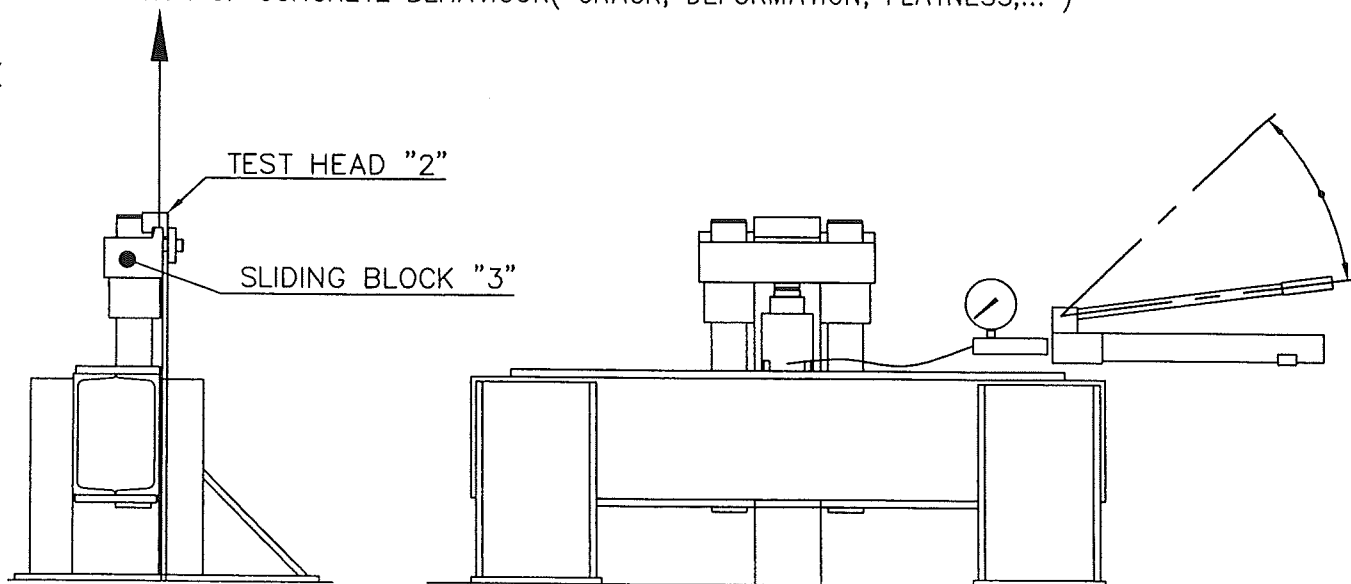
Rev 0

Proc. N° : 783-ANC-01**PROCESS PROGRESS**

Echelle/Scale

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- 7 – WITH THE HYDRAULIC JACK, PUT THE SLIDING BLOCK "3" IN CONTACT WITH THE TEST HEAD "2" .
- 8 – FORCE SHALL BE APPLIED BY SMOOTH PROGRESSIVE PRESSURATION USING THE MANUAL PUMP
- PROCEED AS FOLLOWS:
- APPLY 85kN (i.e. 50 % OF THE MAXIMUM LOAD) AND STAY AT THIS LOADING DURING 5 MIN.
 - RELEASE THE PRESSURE TO ONLY MAINTAIN THE CONTACT SLIDING BLOCK/TEST HEAD AND STAY 5 MIN.
 - APPLY 125kN (i.e. 75 % OF THE MAXIMUM LOAD) AND STAY AT THIS LOADING DURING 5 MIN.
 - RELEASE THE PRESSURE TO ONLY MAINTAIN THE CONTACT SLIDING BLOCK/TEST HEAD AND STAY 5 MIN.
 - APPLY 165kN (i.e. 100 % OF THE MAXIMUM LOAD) AND STAY AT THIS LOADING DURING 5 MIN.
 - RELEASE THE PRESSURE TO ONLY MAINTAIN THE CONTACT SLIDING BLOCK/TEST HEAD AND STAY 5 MIN.
- 10 – REPEAT THE LOADING AT 100% OF THE MAXIMUM LOAD AND STAY AT THIS LOADING
- 11 – VISUAL CHECK OF CONCRETE BEHAVIOUR(CRACK, DEFORMATION, FLATNESS,...)

TANK
AXIS

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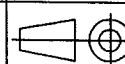
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Rev 0

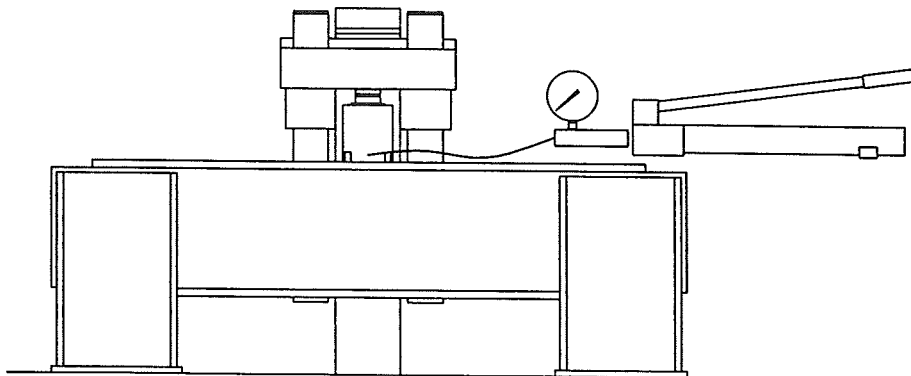
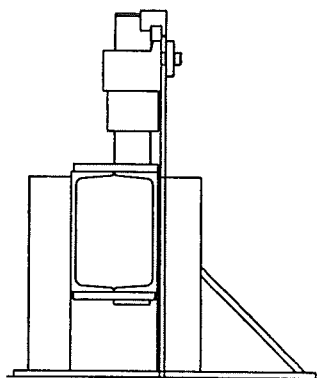
Proc. N° : 783-ANC-01**PROCESS PROGRESS**

Echelle/Scale

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TANK
AXIS

12 - PULL DOWN THE HYDRAULIC JACK (PRESSURE=0) USING THE BLEEDING SCREW



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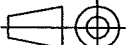
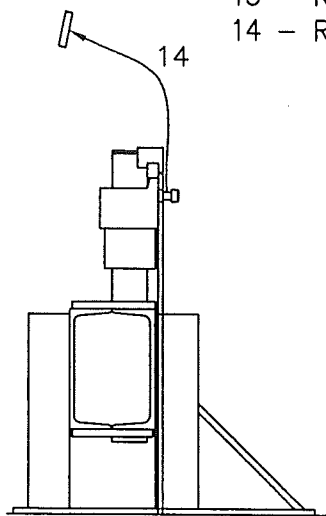
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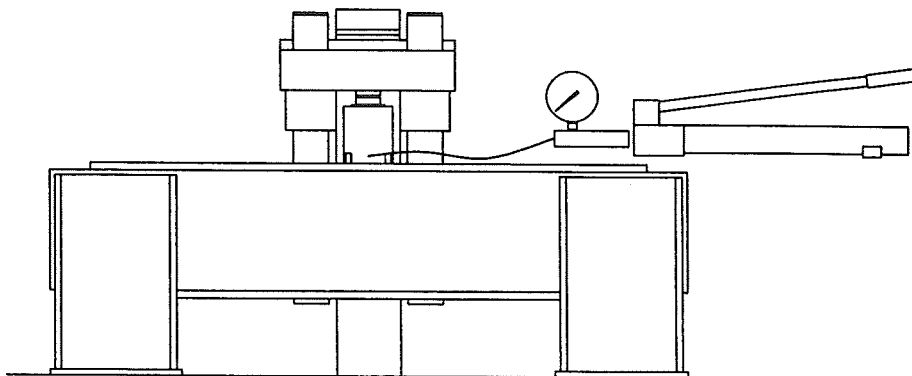
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AXIS

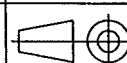
13 - REMOVE THE STOP PLATE "4" .

14 - REMOVE THE MACHINE AND PROCEED WITH THE NEXT STRAP



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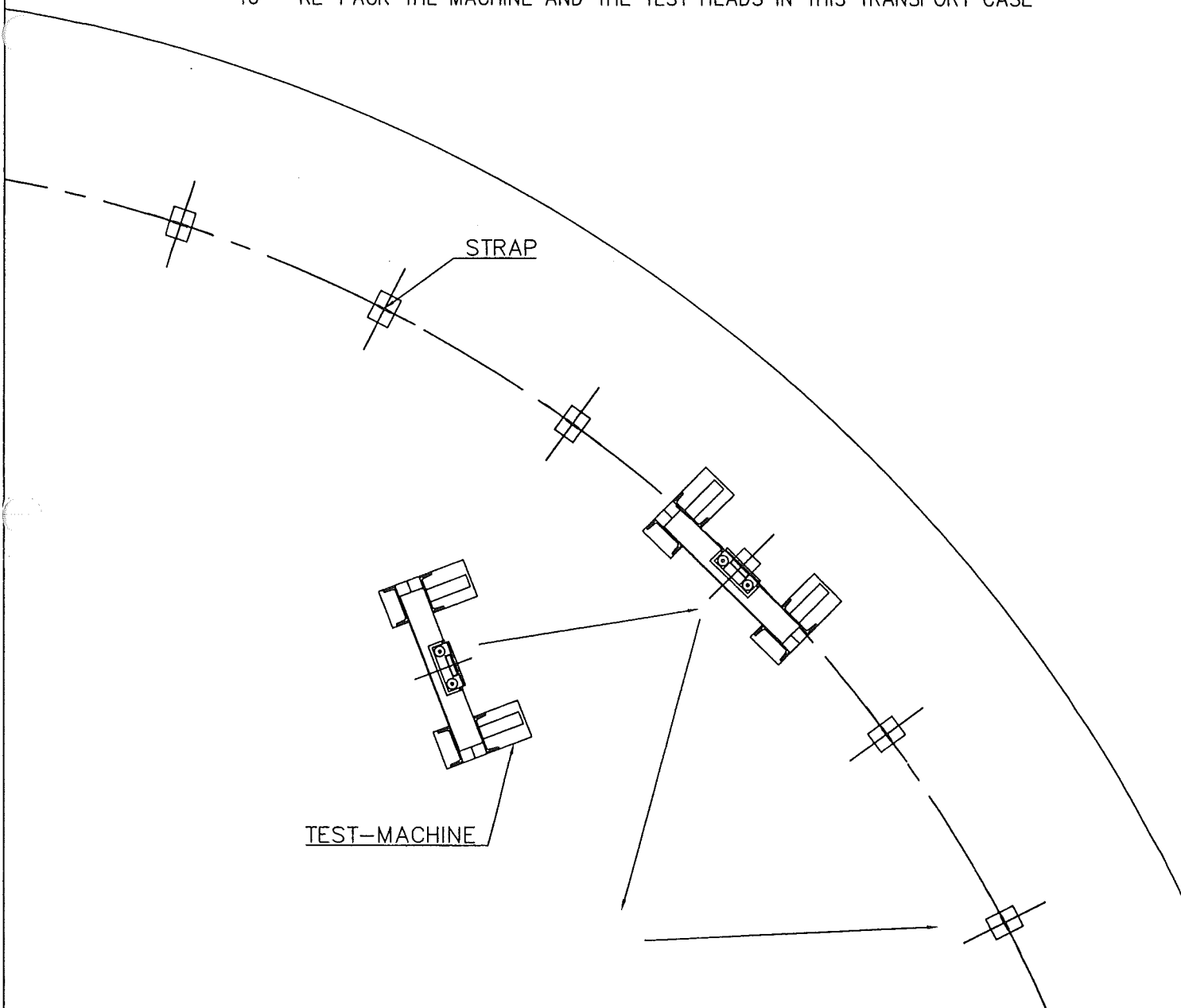
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15 - AFTER TESTS, CUT OFF THE TEST HEAD AND PROCEED WITH WELD PREPARATION
FOR INSTALLATION OF STRAP UPPER PARTS

16 - RE-PACK THE MACHINE AND THE TEST HEADS IN THIS TRANSPORT CASE



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