UFM 530 HT

CRN Approval

- 4“ 150lbs alloy625
- 6“ 900lbs ASTM A105N
- 4“ 300lbs
- 6” 1500 lbs
- 6” 1500 lbs – A312+A182

© KROHNE 09/2011

KROHNE

ABSA
the pressure equipment safety authority

9410 - 20 Ave N.W.
Edmonton, Alberta, Canada T6N 0A4
Tel: (780) 437-9100 / Fax: (780) 437-7787

February 05, 2009

Cor Schellaars
KROHNE-ALTOMETER
KERKEPLAAT 12
DORDRECHT, NETHERLANDS, 3313 LC

Dear Cor Schellaars,

The drawings, specifications and/or information received on October 07, 2008 are accepted for registration as follows:

CRN : 0F04725.2 **Accepted on:** February 05, 2009
Tracking No. : 2008-07395 **Expiry Date:** April 18, 2015
Reg Type : Addition to Acc. Fitting
Drawing No. : UFM 530 F HT DN 4 INCH - 150 LB As Noted
Fitting Desc: 4" 150 LB FLOW METER

The registration is conditional on your compliance with the following notes:

Material of construction: B444 UNS N06625 and B564 UNS N06625.
Design pressure: 20 bar @ 38 degree C, 5 bar @ 440 degree C.

An invoice covering survey and registration fees will be forwarded from our Revenue Accounts.

Enclosed are stamped prints for your reference.

Sincerely,

FOK, PO, P. Eng.
Design Survey Engineer

Outv. /Courier 5.3.2009

AB-41 2005-02

Alberta
MUNICIPAL AFFAIRS

the pressure equipment safety authority

In this space, show facsimile of manufacturer's logo or trademark as it will appear on the fitting.

KROHNE

STATUTORY DECLARATION
Registration of Fittings

I, Cor Schellaars, Chief engineer,

(company title, e.g. vice president, plant manager, chief engineer) (must be in a position of authority)

of Krohne Altometer

(name of manufacturer)

located at Kerkeplaat 12, Dordrecht, the Netherlands

(plant address)

do solemnly declare that the fittings listed hereunder, which are subject to the Safety Codes Act (check one)

☐ comply with the requirements of _____ which specifies the dimensions,
(title of recognized North American Standard)
materials of construction, pressure/temperature ratings and identification marking of the fittings, or

☒ are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with ASME VIII div.1/ASME B31.3 as supported by the attached data which identifies the dimensions, materials of construction, pressure/temperature ratings and the basis for such ratings, and the marking of the fittings for identification.

I further declare that the manufacture of these fittings is controlled by a quality control program which has been verified by the following authority, LRQA as being suitable for the manufacture of these fittings to the stated standard. The fittings covered by this declaration, for which I seek registration, are (Meas dev.Cat.F) UFM 530

In support of this application, the following information, calculations and/or test data are attached:

See page 2 "Statutory Declaration Registration of fittings UFM 530 F HT DN 4 inch 150 LBS

DECLARED before me at Sliedrecht in the _____ of _____

this 2nd day of October (Month), 2008 (Year)

(print) _____

(sign) _____ (Signature of Applicant)

(A Commissioner for Oaths)

Mr. N.P. Papajoannou * Notaris te Sliedrecht *

For Office Use Only

To the best of my knowledge and belief, the application meets the requirements of the Safety Codes Act and CSA Standard B51, Clause 4.2, and is accepted for registration in Category F

Registration Number: 0F04725.2

PO Y. FOK

(For the Administrator/Chief Inspector of Alberta)

Date Registered: FEB 05 2009

Expiry Date: April 18, 2015

The information you provide is necessary only for the administration of the programs as required by the Alberta Safety Codes Act and Regulations in the Boiler Discipline.

Statutory Declaration

Registration of fittings

UFM 530 F HT DN4"- 150lbs

(Page 2.)

To this statutory declaration belongs the following documentation:

1. Design registration Application form (AB-31 00/10)
2. Lloyds Register Quality Assurance: " Certificate of Approval "
3. Quality Assurance manual
4. Catalogue " UFM 530 HT "
5. Draw. 83121708 " Part list UFM 500/HT/DB/F/CSA, DN4"- 150lbs "
6. Draw. 23150884A " Messrohr Zus. Alto – HT DN 100 Ex "
7. Draw. 33166291 " Flange DN4" ASME B16.5 150 LBS "
8. Draw. 33166586 " Pipe 114.3 x 6.02 x 658 "
9. Draw. 33099902A " Plate, 123x78x3 "
10. Draw. 33022950E " Plate with text HT "
11. Welding plan 4789
12. WPS HHHTM 01 (incl. PQR/WPQ)
13. WPS HHBTM 03 (incl. PQR/WPQ)
14. WPS HWHTM 01 (incl. PQR/WPQ)
15. WPS HHBTM 02 (incl. PQR/WPQ)
16. Draw. 83077717 " Dimensions UFS 500 HT/DB/F/CSA
17. Stress calculation no. 7778

ALBERTA BOILERS SAFETY ASSOCIATION
PROVINCE OF ALBERTA
SAFETY CODES ACT
REGISTRATION OF FITTINGS
REGISTRATION NO. 0F04725.2
DWG. NO. or CAT NO. AS LISTED HEREIN
TYPE OF FITTINGS 4" 150LB flowmeter
FEB 05 2009
YR ..... MO ..... DAY ..... INITIALS .....
20 bar @ 38°C
5 bar @ 440°C
PO Y. FOK, P.ENG.
DESIGN SURVEY ENGINEER

ABSA
the pressure equipment safety authority

9410 - 20 Ave N.W.
Edmonton, Alberta, Canada T6N 0A4
Tel: (780) 437-9100 / Fax: (780) 437-7787

January 22, 2010

Cor Schellaars
KROHNE-ALTOMETER
KERKEPLAAT 12
DORDRECHT, NETHERLANDS, 3313 LC

Dear Cor Schellaars,

The design submission, tracking number 2010-00018, originally received on January 05, 2010 was surveyed and accepted for registration as follows:

CRN : 0F04725.2 **Accepted on:** January 22, 2010
Reg Type : Addition to Acc. Fitting **Expiry Date:** April 18, 2015
Drawing No. : 83121721,23196931,& 73077784 Rev -
Fitting Desc: ULTRASONIC FLOWMETER UFM530F HT 6" 900 LB

The registration is conditional on your compliance with the following notes:

This registration is valid until the indicated expiry date only if the Manufacturer maintains a valid quality management system approved by an acceptable third-party agency until that date. Should the approval of the quality management system lapse before the expiry date indicated above, this registration shall become void.

Design pressure: 153.2 bar @ 38 degree C and 116.8 bar @ 320 degree C.

An invoice covering survey and registration fees will be forwarded from our Revenue Accounts.

Sincerely,

FOK, PO, P. Eng.
Design Survey Engineer

Alberta
MUNICIPAL AFFAIRS

the pressure equipment safety authority

In this space, show facsimile of manufacturer's logo or trademark as it will appear on the fitting.

KROHNE

STATUTORY DECLARATION
Registration of Fittings

I, Cor Schellaars, Chief engineer ,

(company title, e.g. vice president, plant manager, chief engineer) (must be in a position of authority)

of Krohne Altometer

(name of manufacturer)

located at Kerkeplaat 12, Dordrecht, the Netherlands

(plant address)

do solemnly declare that the fittings listed hereunder, which are subject to the Safety Codes Act (check one)

☐ comply with the requirements of _____ which specifies the dimensions, (title of recognized North American Standard) materials of construction, pressure/temperature ratings and identification marking of the fittings, or

☒ are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with ASME VIII div.1/ASME B31.3 as supported by the attached data which identifies the dimensions, materials of construction, pressure/temperature ratings and the basis for such ratings, and the marking of the fittings for identification.

I further declare that the manufacture of these fittings is controlled by a quality control program which has been verified by the following authority, LRQA as being suitable for the manufacture of these fittings to the stated standard. The fittings covered by this declaration, for which I seek registration, are (Meas dev.Cat.F) UFM 530

In support of this application, the following information, calculations and/or test data are attached:

See page 2 "Statutory Declaration Registration of fittings UFM 530 F HT DN 6 inch 900 LBS

DECLARED before me at Sliedrecht in the _____ of _____

this 30th day of December (Month), 2009 (Year)

(print) _____

(sign) _____ (A Commissioner for Oaths)

C Schellaars (Signature of Applicant)

Mr. N.P. Papaioannou Notaris te Sliedrecht

For Office Use Only

To the best of my knowledge and belief, the application meets the requirements of the Safety Codes Act and CSA Standard B51, Clause 4.2, and is accepted for registration in Category F

Registration Number: 0F04725.2

PO Y. FOK

(For the Administrator/Chief Inspector of Alberta)

Date Registered: JAN 22 2010

Expiry Date: April 18, 2015

The information you provide is necessary only for the administration of the programs as required by the Alberta Safety Codes Act and Regulations in the Boiler Discipline.

Statutory declaration

Registration of fittings

UFM 530 F HT DN6"- 900lbs RTJ

To this statutory declaration belongs the following documentation:

1. Design registration Application form (AB-31 00/10)
2. Lloyds Register Quality Assurance: " Certificate of Approval ".
3. Quality Assurance manual.
4. Technical Datasheet " UFM 530 HT " 4000210602 R02.
5. Draw. 83121721 " Parts list UFS 500 F/HT/DB/CSA, DN6" – 900lbs ".
6. Draw. 23196931 " Flow tube Assembly UFM/HT/Ex, 6" ".
7. Draw. 33155943 " Flange DN 6" ANSI B16.5 900lbs, RTJ
8. Draw. 33170142 " Flange DN 1 ¼" ASME B16.5 1500lbs, RTJ
9. Draw. 33169674 " Pipe 168.3 x 18.3 x 718 ".
10. Draw. 33099902A " Plate 123 x 78 x 3 ".
11. Draw. 33022950H " Plate with text High Temperature ".
12. Draw. 33169178 " Transducer pocket UFM500 HT DN150 ".
13. Draw. 33169179 " Transducer pocket UFM500 HT DN150 ".
14. Draw. 33114603 " Earth block 25 x 15 x 15 ".
15. Welding plan 5169
16. WPS ZZBTM03 (incl. PQR/WPQ)
17. WPS ZZBCM13 (incl. PQR/WPQ)
18. WPS ZWBTM04 (incl. PQR/WPQ)
19. Statement on the use of WPS and welding plans
20. Draw. 73077784 " Dimensions Flowhead UFS 500 F/HT/DB/CSA ".
21. Stress calculation no. 8625

ALBERTA BOILERS SAFETY ASSOCIATION
PROVINCE OF ALBERTA
SAFETY CODES ACT
REGISTRATION OF FITTINGS
REGISTRATION NO. 0F04725.2
DWG. NO. or CAT NO. AS LISTED HEREON
TYPE OF FITTINGS Ultrasonic Flowmeter
JAN 22 2010
YR ..... MO ..... DAY ..... INITIALS .....
PO Y. FOK, P. ENG.
DESIGN SURVEY ENGINEER

14th Floor, Centre Tower
3300 Bloor Street West
Toronto, Ontario
Canada M8X 2X4
Tel.: 416.734.3300
Fax: 416.231.1626
Toll Free: 1.877.682.8772

www.tssa.org

May 03, 2010

COR SCHELLAARS
KROHNE ALTOMETER
KERKEPLAAT 123313 LC DORDRECHT
DORDRECHT
NL

Service Request Type: BPV-Fitting Registration
Service Request No.: 374176
Your Reference No.: CAT F FITTING - FLOW METER UTM 530 F HT DN 4"-300 LBS

Dear COR SCHELLAARS,

Technical Standards and Safety Authority (TSSA) is pleased to inform you that your submission on April 26, 2010 has been reviewed and registered as follows:

CRN No.: **0F13835.5**
Reference No.: CAT F FITTING - FLOW METER UTM 530 F HT DN 4"-300 LBS
Main Design No.: Flow Meter Model No. UTM 530 F HT DN 4"- 300 LBS
Expiry Date: May 03, 2020

Please be advised that a valid quality control system must be maintained for the fitting registration to remain valid until the expiry date.

A stamped copy of the approved registration and invoice for engineering services will be mailed to you shortly. Should you have any questions or require further assistance, however, please contact a Customer Service Advisor at 1.877.682.TSSA (8772) or e-mail customerservices@tssa.org. We will be happy to assist you. When contacting TSSA regarding this file, please refer to the Service Request number provided above.

Yours truly,

Mark Valcic P. Eng.
Engineer BPV
Tel.: 416-734-3494
Fax: 416-231-6183
Email: mvalcic@tssa.org

TECHNICAL STANDARDS & SAFETY AUTHORITY
14th Floor, Centre Tower
3300 Bloor Street West
Toronto, Ontario
Canada M8X 2X4

Show facsimile of manufacturer's logo or trademark, as it will appear on the fitting, in the space below

KROHNE

STATUTORY DECLARATION
Registration of Fittings

I, Cor Schellaars, Chief engineer
(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of Krohne Altometer
(Name of Manufacturer)

Located at Kerkeplaat 12, Dordrecht, the Netherlands 0031 78 630 6354
(Plant Address) *(Telephone No.)* *(Fax No.)*

☐ do solemnly declare that the fittings listed hereunder, which are subject to the ***Technical Standards and Safety Act***, Boilers and Pressure Vessels Regulation, comply with all of the requirements of

(Title of recognized North American Standard)
which specifies the dimensions, materials of construction, pressure/temperature ratings, identification marking the fittings and service;

☑ or are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with ASME VIII div.1 / ASME B31.3 as supported by the attached data which identifies the dimensions, material of construction, pressure/temperature ratings and the basis for such ratings, the marking of the fitting for identification and service.

I further declare that the manufacture of these fittings is controlled by a quality system meeting the requirements of ISO 9001 which has been verified by the following authority, LRQA.

The items covered by this declaration, for which I seek registration, are category meas. dev. Cat. F type fittings. In support of this application, the following information and/or test data are attached as follows:

See page 2 of Statutory Declaration Registration of Fittings UFM 530 F HT DN 4" 300 LBS
(drawings, calculations, test reports, etc.)

Declared before me at Sliedrecht **in the** _____ **of** _____

the 15th **day of** April **AD 20** 10.

Mr. M.J. Papadoannu Notaris te Sliedrecht

Commissioner for Oaths:

_____ *(Printed name)*

_____ *(Signature)*

_____ *(Signature of Declarer)*

FOR OFFICE USE ONLY

To the best of my knowledge and belief, the application meets the requirements of the ***Technical Standards and Safety Act***, Boilers and Pressure Vessels Regulation, and CSA Standard B51 and is accepted for registration in Category F.

CRN: OF13835.5

Registered by: MARK VALCIC, P.ENG.

Dated: MAY 3, 2010

NOTE: This registration expires on MAY 3, 2020

Technical Standards and Safety Authority — Boilers and Pressure Vessels Safety Program
REGISTERED
C.R.N.: OF13835.5
Signed:
Date: MAY 3, 2010

PV 09553 (06/04)

ABSA
the pressure equipment safety authority

9410 - 20 Ave N.W.
Edmonton, Alberta, Canada T6N 0A4
Tel: (780) 437-9100 / Fax: (780) 437-7787

September 07, 2010

Attention: Cor Schellaars
KROHNE-ALTOMETER
KERKEPLAAT 12
DORDRECHT, 3313 LC

The design submission, tracking number 2010-04362, originally received on July 21, 2010 was surveyed and accepted for registration as follows:

CRN : 0F04725.2 **Accepted on:** September 07, 2010

Reg Type: Addition to Acc. Fitting **Expiry Date:** April 18, 2015

Drawing No. : PARTLIST 73082997 & 73082999 As Noted

Fitting type: ULTRASONIC FLOWMETER FOR LIQUIDS

The registration is conditional on your compliance with the following notes:

Scope of registration: UFM3030 XXT DN 16" 300lb and UFM530 F HT DN 6" 1500lb.
Design condition per drawing 73064403 rev.D and 7373363.
This registration is valid until the indicated expiry date only if the Manufacturer maintains a valid quality management system approved by an acceptable third-party agency until that date. Should the approval of the quality management system lapse before the expiry date indicated above, this registration shall become void.

An invoice covering survey and registration fees will be forwarded from our Revenue Accounts.

If you have any question don't hesitate to contact me by phone at (780) 433-0281 ext 3329 or fax (780) 437-7787 or e-mail Fok@absa.ca.

Sincerely,

FOK, PO, P. Eng.

Alberta
MUNICIPAL AFFAIRS

the pressure equipment safety authority

In this space, show facsimile of manufacturer's logo or trademark as it will appear on the fitting.

KROHNE

STATUTORY DECLARATION
Registration of Fittings

I, Cor Schellaars, Chief engineer,

(company title, e.g. vice president, plant manager, chief engineer) (must be in a position of authority)

of Krohne Altometer
(name of manufacturer)

located at Kerkeplaat 12, Dordrecht, the Netherlands
(plant address)

do solemnly declare that the fittings listed hereunder, which are subject to the Safety Codes Act (check one)

☐ comply with the requirements of _____ which specifies the dimensions,
(title of recognized North American Standard)
materials of construction, pressure/temperature ratings and identification marking of the fittings, or

☒ are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with ASME VIII div.1/ASME B31.3 as supported by the attached data which identifies the dimensions, materials of construction, pressure/temperature ratings and the basis for such ratings, and the marking of the fittings for identification.

I further declare that the manufacture of these fittings is controlled by a quality control program which has been verified by the following authority, LRQA as being suitable for the manufacture of these fittings to the stated standard. The fittings covered by this declaration, for which I seek registration, are (Meas dev.Cat.F)

In support of this application, the following information, calculations and/or test data are attached:

See page 2 "Statutory Declaration Registration of fittings UFM 530 F HT DN 6 inch 1500 LBS

DECLARED before me at Sliedrecht in the _____ of _____

this 16th day of July (Month), 2010 (Year)

(print) _____

(sign) _____
(A Commissioner for Oaths)

Schellaars
(Signature of Applicant)

For Office Use Only

To the best of my knowledge and belief, the application meets the requirements of the Safety Codes Act and CSA Standard B51, Clause 4.2, and is accepted for registration in Category F

Registration Number: 0F04725.2

PO Y. FOK
(For the Administrator/Chief Inspector of Alberta)

Date Registered: SEP 07 2010

Expiry Date: April 18, 2015

The information you provide is necessary only for the administration of the programs as required by the Alberta Safety Codes Act and Regulations in the Boiler Discipline.

Statutory declaration

Registration of fittings

UFM 530 F / HT / DN 6" – 1500 Lbs RTJ

(Page 2.)

On behalf of KROHNE Altometer we are applying for an CRN Approval on special flow meters of our Ultrasonic design type as described within.

Standard flow meters are already approved under CRN 0F04725 Fittings Design registration. The reason for this new approval is that these flow meters are out of the scope of the original approval based on XXT version and pressure rating .
Product model names to be registrated include:

- UFM 530 F / HT
- OPTISONIC 8000

The pressure containing/wetted parts for above mentioned model names are exactly the same. The reason for multiple product names is that the flow tube can be configured with different electronic signal converters (mounted on top of the flow tube or remote version)

To this statutory declaration belongs the following documentation:

1. Design registration Application form (AB-31 00/10)
2. Lloyds Register Quality Assurance: " Certificate of Approval ".
3. Quality Assurance manual.
4. Technical Datasheet " 4000210602 – TD UFM 530 HT R02 en ".
5. Draw. 73082999 " Parts list UFS 500 F / HT DN 6" 1500 Lbs RTJ ".
6. Draw. 23166722 "Assembly drawing ".
7. Draw. 23158616 " Wave cond. Housing assy steam ".
8. Draw. 33137608 " Bush Ø 92.1 x 85 ".
9. Draw. 23158615 A " Wave conductor steam ".
10. Draw. 23198363 " Measuring tube ".
11. Draw. 33170907 " Pipe Ø 64 X Ø 43 L=255 mm ".
12. Draw. 33163110 A " Plate ".
13. Draw. 33170904 " Pipe 168.3 x 21.95 x 1648 ".
14. Draw. 33170848 " Flange DN 6"ASME B16.5 1500 LBS RTJ ".
15. Draw. 33157462 " Plate ".
16. Draw. 33114603 " Earth block 40 x 15 x 15 ".
17. Draw. 33157463 " Plate ".
18. Draw. 33145872 " Support plate ".
19. GA Drawing 73073363
20. Welding plan 2592
21. WPS WWBTM04 (incl. PQR/WPQ)
22. Welding plan 5337
23. WPS WWBTM07 (incl. PQR/WPQ)
24. WPS WWBMM11 (incl. PQR/WPQ)
25. Statement on the use of WPS and welding plans
26. Stress calculation no. 09032

ALBERTA BOILERS SAFETY ASSOCIATION
PROVINCE OF ALBERTA
SAFETY CODES ACT
REGISTRATION OF FITTINGS
REGISTRATION NO. 0F04725.2
DWG. NO. or CAT. NO. 73082999
TYPE OF FITTINGS Ultrasonic Flowmeter
SEP 07 2010
YR ..... MO ..... DAY ..... INITIALS .....
PO Y. FOK, P. ENG.
DESIGN SURVEY ENGINEER

OH12054.2

AB-41 2005-02

Alberta
MUNICIPAL AFFAIRS

the pressure equipment safety authority

In this space, show facsimile of manufacturer's logo or trademark as it will appear on the fitting.

KROHNE

STATUTORY DECLARATION
Registration of Fittings

I, Cor Schellaars, Chief engineer,

(company title, e.g. vice president, plant manager, chief engineer) (must be in a position of authority)

of Krohne Altometer

(name of manufacturer)

located at Kerkeplaat 12, Dordrecht, the Netherlands

(plant address)

do solemnly declare that the fittings listed hereunder, which are subject to the Safety Codes Act (check one)

☐ comply with the requirements of _____ which specifies the dimensions, (title of recognized North American Standard)
materials of construction, pressure/temperature ratings and identification marking of the fittings, or

☒ are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with ASME VIII div.1/ASME B31.3 as supported by the attached data which identifies the dimensions, materials of construction, pressure/temperature ratings and the basis for such ratings, and the marking of the fittings for identification.

I further declare that the manufacture of these fittings is controlled by a quality control program which has been verified by the following authority, LRQA as being suitable for the manufacture of these fittings to the stated standard. The fittings covered by this declaration, for which I seek registration, are (Meas dev.Cat.F)

In support of this application, the following information, calculations and/or test data are attached:

See page 2 "Statutory Declaration Registration of fittings UFM 530 F HT DN 6 inch 1500 LBS Material ASTM A312 TP347H and ASTM A182 F347H

DECLARED before me at Dordrecht in the _____ of _____

this 31 day of July (Month), 2011 (Year)

(print) _____

(sign) _____

(A Commissioner for Oaths)

_____
(Signature of Applicant)

For Office Use Only

To the best of my knowledge and belief, the application meets the requirements of the Safety Codes Act and CSA Standard B51, Clause 4.2, and is accepted for registration in Category H' PER ACCEPTANCE LETTER

Registration Number: OH12054.2

Date Registered: 01 FEB 2012

(For the Administrator/Chief Inspector of Alberta)

Expiry Date: 01 FEB 2022

The information you provide is necessary only for the administration of the programs as required by the Alberta Safety Codes Act and Regulations in the Boiler Discipline.

Statutory declaration

Registration of fittings

UFM 530 F / HT / DN 6" – 1500 Lbs RTJ

(Page 2.)

On behalf of KROHNE Altometer we are applying for an CRN Approval on special flow meters of our Ultrasonic design type as described within.

Standard flow meters are already approved under CRN 0F04725 Fittings Design registration. The reason for this new approval is that these flow meters are out of the scope of the original approval based on XXT version and pressure rating .
Product model names to be registrated include:

- UFM 530 F / HT
- OPTISONIC 8000

The pressure containing/wetted parts for above mentioned model names are exactly the same. The reason for multiple product names is that the flow tube can be configured with different electronic signal converters (mounted on top of the flow tube or remote version)

To this statutory declaration belongs the following documentation:

1. Design registration Application form (AB-31 00/10)
2. Lloyds Register Quality Assurance: " Certificate of Approval ".
3. Quality Assurance manual.
4. Technical Datasheet " 4000210602 – TD UFM 530 HT R02 en ".
5. Draw. 73121765 " Parts list UFS 500 F / HT DN 6" 1500 Lbs RTJ ".
6. Draw. 23166722 "Assembly drawing ".
7. Draw. 23158616 " Wave cond. Housing assy steam ".
8. Draw. 33137608 " Bush Ø 92.1 x 85 ".
9. Draw. 23158615 C " Wave conductor steam ".
10. Draw. 23198363 " Measuring tube ".
11. Draw. 33171952 " Upper transducer pocket ".
12. Draw. 33171953 " Lower transducer pocket ".
13. Draw. 33172498 " Flange DN 2"ASME B16.5 1500 LBS LF ".
14. Draw. 33163110 A " Plate ".
15. Draw. 33172514 " Pipe 168.3 x 21.95 x 1648 ".
16. Draw. 33172497 " Flange DN 6"ASME B16.5 1500 LBS RTJ ".
17. Draw. 33157462 " Plate ".
18. Draw. 33114603 " Earth block 40 x 15 x 15 ".
19. Draw. 33157463 " Plate ".
20. Draw. 33145872A " Support plate ".
21. GA Drawing 73119993
22. Welding plan 2592A
23. WPS WWBTM04 (incl. PQR/WPQ)
24. Welding plan 5728
25. WPS WWBTM07 (incl. PQR/WPQ)
26. WPS WWBMM11 (incl. PQR/WPQ)
27. Statement on the use of WPS and welding plans
28. Stress calculation no. 09723