ENTREE 2 1 JUIN 2013 KROHNE SAS - ROMANS

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



June 13, 2013

CEDRIC GEORGES KROHNE S.A.S BP98 26103 ROMANS CEDEX FR

Service Request Type.: BPV-National ACI Central Service Request No.: 1079034 Your Reference No.: OPTIFLEX 2200 Registered to.: KROHNE S.A.S

Dear CEDRIC GEORGES,

Please find enclosed the original response from PEI,NS,NB,NFLD,YK,NWT,NU, registered under the CRN No.: 0F15876.59870YTN.

As all jurisdictional fees are handled by the Technical Standards and Safety Authority (TSSA), you do not pay any jurisdictions directly.

Should you have any questions or require further assistance, I will be happy to assist you. For general enquiries, please contact a Customer Service Advisor at 1.877.682.TSSA (8772) or e-mail customerservices@tssa.org. When contacting TSSA regarding this file, please refer to the Service Request number provided above.

Yours truly,

Tanya Francis Administrative Assistant_ BPV Engineering Tel.: 416-734-3423 Fax: 416-231-6183 Email:tfrancis@tssa.org

Putting Public Safety First

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS
--

NEW BRUNSWICK NUNAVUT	NOVA SCOTIA YUKON	PRINCE EDWARD ISLAND NORTHWEST TERRITORIES	NEWFOUNDLAND AND LABRADOR
MANUFACTURERS NAME:	KROHNE FRANCE S	AS	
MANUFACTURERS ADDRESS:	Les Ors, 26103 ROMA	NS SUR ISERE, FRANCE	
PLANT LOCATIONS:		NS SUR ISERE, FRANCE	
		ED. CIRCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION
A Pipe fittings, including coupling B Flanges: all flanges C Valves: all line valves D Expansion joints, flexible conne			
 D Expansion joints, flexible connections, and hose assemblies: all types E Strainers, filters, separators, and steam traps F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs 			ASME Section VIII, Div.1
H Pressure retaining components	that do not fall into one		
		 (Meeting CNSC or ASME requirements) 	
<u>SHOW MANUFACTURERS NAME</u> See attachements	, TRADEMARK, OR LC	GO AS IT WILL APPEAR ON THE PRODUCT	TYPE OF CONSTRUCTION FORGED II WELDED II WROUGHT II CAST II OTHER II DESCRIBE OTHER:
LIST OF SUPPORTING DOCUME	NTATION AND IDENTI	FICATION OF THE ACTUAL ITEMS TO BE RE	GISTERED:
guided radar level meter OPTIFLE> DP-OPTIFLEX-2200	< 2200		

DECLARATION:

I <u>Cédric GEORGES</u> (see note 3) employed by <u>KROHNE FRANCE SAS</u> and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true and to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by <u>Llovd's Register Quality</u> as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath.

This <u>12</u> day of TEDEU CEY AD <u>2013</u> Commissioner of Oaths or Notary Public: (sign)	SETHIS SPACE FOR OFFICIAL OFA
This registration must remain and the for Keydatory of the registration must remain and the for Keydatory of the registered in the name of the Manufacturer. I. All fittings shall be registered in the name of the Manufacturer. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation. The declaration shall be made by the person having full authority and responsibility for the quality of the end product. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.	

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK NUNAVUT	NOVA SCOTIA YUKON	PRINCE EDWARD ISLAND NORTHWEST TERRITORIES	NEWFOUNDLAND AND LABRADOR
MANUFACTURERS NAME:	KROHNE FRANCE S	AS	
MANUFACTURERS ADDRESS;	Lea Ora, 26103 ROM	ANS SUR ISERE, FRANCE	
PLANT LOCATIONS;	Les Ors, 26103 ROMA	NS SUR ISERE, FRANCE	
		ED. CIRCLE ONE CATEGORY ONLY	TULL OF THE STANDARD OF CONSTRUCTION
H Pressure rataining components t	ctions, and hose assen d alearn traps assure gauges, isvel ga e raiief devices accepta and fusible plugs hat do not fall into ona	nblics: all types luges, eight glasses, levels, or ble as primary over pressure protection on of the abovo catogorios	ASME Section VIII, DV.1
N Nuclear components: Class 1 C	Class 2 🖸 Class 3 🛙	D. (Meeting CNSC or ASME requirements)	
See attachements		290 AS IT WILL APPEAR ON THE PRODUCT	FORGED I WELDED I WROUGHT I CAST I OTHER I Describe other:
LIST OF SUPPORTING DOCUMEN	TATION AND IDENTI	FICATION OF THE ACTUAL ITEMS TO BE RE	GISTERED.
gulded radar level meter OPTIFLEX DP-OPTIFLEX-2200	2200		
ECLADATION.			

Cédric GEORGES

I Cedric GEORGES (see note a) employed by KROHNE FRANCE SAS and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true and to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture ratings, and identification markings are in accordance with the herein named standards. Further degrate that the manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by <u>Llovd's Register Quality</u> as being suitable for that purpose and I make this solemn declaration conscient/ously believing it to be true, and knowing that it is of the same force and effect as if made under oath.

Signature of Declarer:
Declared before me at 1300 ANTE THORE (Fremer) SETHIS SPACE 50
This day of the day of
Commissioner of Oalhs or Notary Public: (sign)
Torrad for Regulatory Authority use
This registration the date of acceptance.
CRN: 0F15876.5
FID#: _2781 SALE AND FILMATES * * FR NOLA SCOTLA
All fittings shall be registered in the name of the Manufacturer, Each category shall be supported with two Statutory Declaration C.R.N. OFIS876.58 Jornal and one copy of supporting documentation.
3. The declaration shall be made by the person having full authority and Dwg. QS. deficitly for the quality of the and product.
4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years. Signed Sucress. Signed Sucress.
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e Part J. Dan
PEGUL Andrews

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK NUNAVUT	NOVA SCOTIA YUKON	PRINCE EDWARD ISLAND NORTHWEST TERRITORIES	NEWFOUNDLAND AND LABRADOR
MANUFACTURERS NAME:	KROHNE FRANCE SA	AS	
MANUFACTURERS ADDRESS:	Les Ors, 26103 ROMA	NS SUR ISERE, FRANCE	
PLANT LOCATIONS:		NS SUR ISERE, FRANCE	
CATEGORY OF FITTI	IGS TO BE REGISTER	ED. CIRCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION
 A Pipe fittings, including coupling B Flanges: all flanges C Valves: all line valves D Expansion joints, flexible connu E Strainers, filters, separators, ar F Measuring devices, including p pressure transmitters G Certified capacity-rated pressu boilers, pressure vessels, pipin H Pressure retaining components 	ections, and hose assem nd steam traps ressure gauges, level ga re relief devices accepta g and fusible plugs	nblies: all types nuges, sight glasses, levels, or ble as primary over pressure protection on	ASME Section VIII, Div.1
		☐, (Meeting CNSC or ASME requirements)	
		OGO AS IT WILL APPEAR ON THE PRODUCT	TYPE OF CONSTRUCTION
See attachements			FORGED WELDED WROUGHT CAST OTHER CAST OTHER CONTRACTOR OTHER:
LIST OF SUPPORTING DOCUME	NTATION AND IDENTI	FICATION OF THE ACTUAL ITEMS TO BE RE	GISTERED:
guided radar level meter OPTIFLE DP-OPTIFLEX-2200	X 2200	· · · · · · · · · · · · · · · · · · ·	

DECLARATION:

I <u>Cédric GEORGES</u> (see note 3) employed by <u>KROHNE FRANCE SAS</u> and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true and to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by <u>Llovd's Register Quality</u> as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath.

Signature of Declarer:	B
Declared before me at Ron Ave TESTE (France) S	E RANK AND CONTRACT
This 12 day of Tebruary AD 2013	DEPT OF PUBLIC SAFETY
Commissioner of Oaths or Notary Public: (sign)	BOILER & PRESSURE VESSEL ACT
Throws for Regulatory Authority	USE REGISTRATION ONLY
This registration must move after the (10) years f	rom the date of acceptance OF15876.57
CRN: 0F15876.5	V. P
FID#: 2781	EXAMINER: (The traver
MANS-SUR-ISERE	CHEF BOILER INSPECTOR
Notes: 1. All fittings shall be registered in the name of the Manufacturer. 2. Each category shall be supported with two Statutory Declaration	DATE: 04/26/20B
forms and one copy of supporting documentation. 3. The declaration shall be made by the person having full authority and	BLRs PVs
responsibility for the quality of the end product. 4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.	С титинов Сомпонентя Sect. 1.0 - Fittings Rev. 1 06/2003

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS.

NEW BRUNSWICK NUNAVUT	NOVA SCOTIA YUKON	PRINCE EDWARD ISLAND NORTHWEST TERRITORIES	NEWFOUNDLAND AND LABRADOR
MANUFACTURERS NAME:	KROHNE FRANCE S	AS	
MANUFACTURERS ADDRESS	E Les Ors, 26103 ROMA	NS SUR ISERE, FRANCE	• •
PLANT LOCATIONS:	Les Ors, 26103 ROMA	NS SUR ISERE, FRANCE	
CATEGORY OF FITT	INGS TO BE REGISTER	ED. CIRCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION
A Pipe fittings, including couplin B Flanges: all flanges C Valves: all line valves D Expansion joints, flexible con		gs, unions, pipe caps, or reducers - 	
F Strainers, filters, separators, a F Measuring devices, including pressure transmitters	and steam traps pressure gauges, level ga	uges, sight glasses, levels, or	ASME Section VIII, Div.1
boilers, pressure vessels, pip H Pressure retaining componen	ing and fusible plugs ts that do not fall into one	-	
La cola and a cola and	and the second	 (Meeting CNSC or ASME requirements) 	
SHOW MANUFACTURERS NAM	ie. Trademark. or Lo	2GO AS IT WILLAPPEAR ON THE PRODUC	CT TYPE OF CONSTRUCTION FORGED = WELDED = WROUGHT = CAST = OTHER = DESCRIBE OTHER:
LIST OF SUPPORTING DOCUM	ENTATION AND IDENTI	FICATION OF THE ACTUAL ITEMS TO BE	REGISTERED:
guided radar level meter OPTIFL	EX 2200		
DP-OPTIFLEX-2200			

DECLARATION:

I Cédric GEORGES (see note 3) employed by KROHNE FRANCE SAS and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true and to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by <u>Llovd's Register Quality</u> as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath.

Signature of Declarer:	
Declared before me at REANS TESTE (France) SE	
This day televice AD 2013	OFFICIAL SPAT
Commissioner of Oath	Na na prima na sa mana na mana
or Notary Public: (sign)	GOVERNMENT OF
Transfer and Authority use	New Otindiand
This registration is a second se	ine date wertgeptance AND LABRADOR
CRN: 0F15876.5	Government Services
	Registered 0-15876.50
FID#:*	Date 2013 5 2
MAANS-SUR-ISERE	GOVERNMENT SERVICES CENTRE
Notes:	Engineering and Inspection Services
1. All fittings shall be registered in the name of the Manufacturer.	
Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation.	Registered by Clar N
3. The declaration shall be made by the person having full authority and	UNDER THE AUTHORITY OF THE
responsibility for the quality of the end product.	PUBLIC SAFETY ACT AND
4. Quality control programs shall be resubmitted for validation	THE BOILER, PRESSURE VESSEL AND COMPRESSED GAS REGULATIONS
at a maximum interval of five (5) years.	COMPRESSED GAS REGULATIONS

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK NUNAVUT	NOVA ŚCÓTIA YUKON	PRINCE EDWARD ISLAND NORTHWEST TERRITORIES	NEWFOUNDLAND AND LABRADOR
MANUFACTURERS NAME:	KROHNE FRANCE SA	S	***************************************
MANUFACTURERS ADDRES	S: Les Ors, 26103 ROMAI	VS SUR ISERE, FRANCE	
PLANT LOCATIONS:	Les Ors, 26103 ROMAN	IS SUR ISERE, FRANCE	
CATEGORY OF FIT	TINGS TO BE REGISTERE	D. CIRCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION
A Pipe fittings, including coupl B Flanges: all flanges C Valves: all line valves D Expansion joints, flexible cor E Strainers, filters, separators, F Measuring devices, including pressure transmitters G Certified capacity-rated press boilers, pressure vessels, pit	ings, tees, elbows, Ys, plug nnactions, and hose assemt and steam traps pressure gauges, level gau sure relief devices acceptab bing and fusible bluge	s, unións, pipe caps, or reducers nies: all types ges, sight glasses, levels, or le as primary over pressure protection on	ASME Section VIII, Div.1
H Pressure retaining component	its that do not fail into one o	f the above categories	
N Nuclear components: Class	1 🖸 Class 2 🗖 Class 3 🗖,	(Meeting CNSC or ASME requirements)	
SHOW MANUFACTURERS NAM	S. TRADEMARK, OR LOC	O AS IT WILL APPEAR ON THE PRODUCT	IYPE OF CONSTRUCTION
See attachements			FORGED WELDED WROUCHT D CAST DOTHER D DESCRIBE OTHER:
LIST OF SUPPORTING DOCUM guided radar level meter OPTIFLI		CÁTION OF THE ACTUAL ITEMS TO BE REC	NSTERED:
DP-OPTIFLEX-2200			
imperature ratings, and identific anufacture of these fittings is n in part and has been verified t	e end product do solem oduct for which registrati cation markings are in ac egulated by a Quality Co by Lloyd's Register Quality	by KROHNE FRANCE SAS and being and being and being sought. The dimensions, materials of a sought. The dimensions, materials are condance with the herein named standard and the herein na	of construction, pressure s. I further declare that the where fabrication occurs in whole
	IAN'S /ESTY	E (France) SETHIS S	
is 12 day FEG	CUCICAL AD 2	as OFFIC	ERACE ED 2 TAL IFA:

Signature of Declarer:	
Declared before me at 1200 ANS 125025 (Fremered) SE FHIS	S S P A REE EM R
This 12 day February AD 2013 OFF	ICIAL TEAS
Commissioner of Oath	
or Notary Public: (sign)	
tor Budatory Authority use	
This registration the data	Fr. Bt deotte free
CRN: 0F15876.5	1 4
	1 Z
FID# _27.81 \$ 00 BY	
MANS-SUR-ISERT	OFISEFUI /
Notes:	- b (13)
 All fittings shall be registered in the name of the Manufacturer. Each category shall be supported with two Statutory Declaration 	TE The offer
forms and one copy of supporting documentation.	
3. The declaration shall be made by the person having full authority and	, NO
responsibility for the quality of the end product. 4. Quality control programs shall be resubmitted for validation	MLERS BRAN
at a maximum interval of five (5) years.	Sect. 1.0 - Fittings Rev. 1.06/2003

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNŞWICK NUNAVUY	NOVA SCOTIA YUKÓN	PRINCE EDWARD ISLAND NORTHWEST TERRITORIES	NEWFOUNDLAND AND LABRADOR
MANUFACTURERS NAME:	KROHNE FRANCE S	AS	
MANUFACTURERS ADDRESS:	Les Ors. 26103 ROM	ANS SUR ISERE. FRANCE	
PLANT LOCATIONS:	Les Ors, 20103 ROMA	ANG SUR ISERE, FRANCE	
CATEGORY OF FITTI	IGS TO BE REGISTER	ED. CIRCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTIO
 Planges: sli flanges Valves: all line valves Valves: all line valves Expansion joints, flexible conn Strainers, filters, deparators, all Massuming devices, including p prosoure transmitters 	ections, and hose asser nd steam traps resoure gauges, level g re relief devices accept: ng and fusible plugs	auges, sight glasses, levels, or able as primary over prassure protection on	ASMÉ Section VIII, Div.1
		 (Meeting CNSC of ASME requirements) 	
See altochamenia		ogo as it will appear on the product	FORGED II WELDED II WROUCHT II Cast II other II Discribe other
<u>LIST OF SUPPORTING DOCUMI</u> guildud radar level meter OPTIFLE		IFICATION OF THE ACTUAL ITEMS TO BE RI	EGISTERED:
DP-OPTIFLEX-2200			
ECLARATION: Charle GEORGES	(200 note 3) employs	ed by KRONNE FRANCE SAS and be simply declare that the information containe	ing the person having full authority ar

responsibility for the quality of the end product do solemnly declare that the information contained in this form is true and to the best of my knowledge roprosents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by <u>Llovd's Redister Quality</u> as being suitable for that purpose and I make this solemn declaration conscientiously belleving it to be true, and knowing that it is of the same force and effect as if made under oath.

Signature of Declarer:	
Declared before me at 1200 ANE 1200 Corentable	SETHIS SEAVE THE
This 12 day of Tebrucery AD Bark	
Commissioner of Oaths or Notary Public: (sign)	NUNAVUT
This registration must share the area to regulatory Authority This registration must share the area to regulate the state of the state	NITE VERSE of accept Pressure Vessels Act
CRN: 0F15876.5	REGISTERED
	CRN OF 15876,5 N Date May 0322013
Notes: 1. All fittings shall be registered in the hame of the Manufacturer.	Date Muy Object
 All intings shall be supported in the name of the initialization. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation. The declaration shall be made by the person having full suthority and 	SignedChief Inspector
responsibility for the quality of the end product. a Quality control programs shall be resubmitted for validation	Territorial Registration, Ege
at a maximum intervel of five (5) years.	Ierritonave agings of the



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

March 08, 2013

CEDRIC GEORGES KROHNE S.A.S BP98 26103 ROMANS CEDEX FR

ENTREE 1 8 MARS 2013 KROHNE SAS - ROMANS

Service Request Type:BPV-Fitting RegistrationService Request No.:1038216Your Reference No.:OPTIFLEX 2200Registered to:KROHNE S.A.S

Dear CEDRIC GEORGES,

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

CRN No.: Main Design No.: Expiry Date: **0F15876.5** OPTIFLEX 2200, Guided Radar (TDR) Level Meter 08-Mar-2023

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

The stamped copy of the approved registration and the invoice are mailed separately. Should you have any questions or require further assistance, 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: <u>mvalcic@tssa.org</u>



STATUTORY DECLARATION

Registration of Fittings

BOILERS AND PRESSURE VESSELS SAFETY DIVISION 3300 Bloor Street West 4th Floor, West Tower Toronto, Ontario CANADA M8X 2X4

ENTREE 1 8 MARS 2013

KROHNE SAS - ROMANS



See page 2

I, Cédric GEORGES, Chief Engineer (Name & Position, e.g. President, Plant Manager, Chief Engineer) of KROHNE S.A.S (Name of Manufacturer) Located at 26103 ROMANS Sur ISERE, Les Ors, FRANCE +33 (0)475 054 485 +33(0) 475 050 048 (Plant Address) (Telephone Number) (Fax Number) do solemnly declare that the fittings listed hereunder, which are subject to the Technical Standards and Safety Act, Х 2000, and Regulations for Boilers and Pressure Vessels comply with all of the requirements of ASME Section VIII, Division 1 Edition 2007 (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 as supported by the attached data which identifies the comply with 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: 2008 which has been verified by the following authority, Lloyd's Register Quality Assurance France **S.A.S.** The items covered by this declaration, for which I seek registration, are category **<u>F</u>** type fittings. In support of this application, the following information and/or test data are attached as follows: See documentation DP OPTIFLEX 2200 (Drawings, calculations, test reports, etc.) Declared before me at KROHNE S.A.S, Romans sur Isere, in the territory of France the 12 day of February AD 2013 Commissioner for Oaths: (Printed name) (Signature of Declarer) (Signature) Technical FOROE **ÚSE ONLY** To the best of my knowledge and belief, the applications the requirements of the and Safety Standards Pressure Vessels Technical Standards and Safety Act, 2000, and Regulations for Boilers and Pressure Vessels and CSA Standard B51Program and is accepted for registration in Category CRN: Registered by: ANCH Dated: Signed: This registration expires on Document Name: TSSA Statutory Declaration Form, March 15, 2005, Rev.01.doc

Statutory Declaration Registration of fittings

OPTIFLEX 2200

KROHNE

On behalf of KROHNE S.A.S we are applying for CRN Design registration for our New Guided Radar level meter OPTIFLEX 2200 series as described within. The OPTIFLEX level meter will be equipped with the KROHNE Logo.

Product model names to be registered is:

- **OPTIFLEX 2200**

For Details: design standard specification, stress calculation and pressure / temperature chart give the Maximum Working pressures, temperatures, sizes, class...

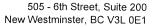
OPTIFLEX 2200 is manufactured by KROHNE manufacturing facilities.

End of page 2.



TSSA HUNCAL STANDARD	Customer Service: 1.877.682.8772 Fax: 416.231.6183	CEIVED	National Design Registration Application for a CRN Technical Standards and Safety Act Boilers and Pressure Vessels Regulation
Date of Application (r		URE VESSELS of ase attached request form)	INTAKE GROUP Date: SR #: 1038216-0N
Please indicate the t	ype of design: Boiler Pressu	re Vessel 🛛 🗹 Fitting	Agent: 1038218-MAT
Section A: Submi	tter	Section B: Invoicee Company Name:	Same as: 🗹 A 🗌 C 🗌 D

Company Name: KROHNE SAS	Company Name:
Address: Les Ors	Address:
City/Town: ROMANS SUR ISERE Province/State:	City/Town: Province/State:
Postal/Zip Code: 26103 Country: FRANCE	Postal/Zip Code: Country:
Telephone: +33 (0)4 75 05 44 85 Fax: +33 (0)4 75 05 00 48	Telephone: Fax:
Contact Name: Cédric GEORGES	Contact Name:
E-mail: m.georges@krohne.com	E-mail:
Job No./Reference:	Purchase Order No.:
Drawing/Catalog No.: DP-OPTIFLEX-2200	
Acct/Cust No.: A 100568 C. 2205/	Acct/Cust No.:
	D Section D: Manufacturer Same as: A B Same as:
	(If more then one please attach list)
Company Name:	Company Name:
Address:	Address: City/Town: Province/State:
City/Town: Province/State:	
Postal/Zip Code: Country:	Postal/Zip Code: Country:
Telephone: Fax:	Telephone: Fax:
Contact Name:	Contact Name:
E-mail:	E-mail:
Acct/Cust No.:	Acct/Cust No.:
✓ Alberta ✓ Quebec	 New Brunswick Nova Scotia Prince Edward Island Yukon Northwest Territories Nunavut
Deposit included: CDN \$600.00 - Ontario and up to 2 additional	provinces CDN \$1,200.00 - Ontario and 3 or more additional provinces
Cheque No	
(Deposit to be applied to the incurred fees when all jurisdictions are cor	nplete – any charges over and above deposit amount will be invoiced at that tim
teturn mail address: 🗸 A 🗍 B ☐ C Optional:	Courier Collect Courier name:
	Account No.:
Signed:	Date (mm/dd/yyyy): 02/12/2013
Date: MANCH 5, 1213 Reviewing Engineer	MANU VALCE DEN Issued: 07-15816.
(mm/dd/yyyy)	7 1 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
V 09557 (03/11)	



Toll Free: 1-866-566-SAFE Fax: (778) 396 - 2064 www.safetyauthority.ca



 Date:
 May 22, 2013

 Account #:
 35231

 Journal #:
 57203

 Our File #:
 5459330

ENTREE 17 JUIN 2013

KROHNE SAS - ROMANS

MAWP: 40 bar

Re: Application for Design Registration

Attn: TANYA FRANCIS

The design, as detailed in your, TSSA Service Request No: 1079038, for a Fitting is accepted for registration as follows:

MAWT: 300 deg C

Registered To: KROHNE SAS. CRN: 0F15876.51

MDMT: -50 deg C

Drawing #: DP-OPTIFLEX-2200

Drawing Revision: 001

Conditions Of Registration:

Registration of Optiflex 2200 Guided Radar (TDR) Level Meter.

This design was registered based on a technical review performed by the province of initial registration in accordance with the Association of Chief Inspectors policy on reciprocal recognition of design review.

Reviewer's Notes:

As required by CSA B51 4.2.1, this registration expires on March 8, 2023. This CRN is valid until the expiry date as long as the Manufacturer maintains a valid quality control program verified by an acceptable third-party agency until that date. Should the certification of the quality control program lapse before the expiry date, this registration shall become void.

Contact me if you have any questions. The invoice for registration will be forwarded under separate cover.

SHARON PETERS (778) 396-2027 Sharon.Peters@safetyauthority.ca Design Administration

cc:

(PROD) 30400-20



ENTREE 1 2 A0UT 2013 KROHNE SAS - ROMANS 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

August 07, 2013

CEDRIC GEORGES KROHNE S.A.S BP98 26103 ROMANS CEDEX FR

Service Request Type.: BPV-National AB Service Request No.: 1079032 Your Reference No.: OPTIFLEX 2200 Registered to.: KROHNE S.A.S

Dear CEDRIC GEORGES,

Please find enclosed the original response from AB, registered under the CRN No.: 0F15876.52.

As all jurisdictional fees are handled by the Technical Standards and Safety Authority (TSSA), you do not pay any jurisdictions directly.

Should you have any questions or require further assistance, I will be happy to assist you. For general enquiries, please contact a Customer Service Advisor at 1.877.682.TSSA (8772) or e-mail customerservices@tssa.org. When contacting TSSA regarding this file, please refer to the Service Request number provided above.

Yours truly,

Tanya Francis Administrative Assistant_ BPV Engineering Tel.: 416-734-3423 Fax: 416-231-6183 Email:tfrancis@tssa.org

Putting Public Safety First

ABS the pressure equipment safety authority

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

June 20, 2013

Attention: Tanya Francis TECHNICAL STANDARDS & SAFETY AUTHORITY 3300 BLOOR STREET WEST 14 FLOOR CENTRE TOWER TORONTO, ON M8X 2X4

The design submission, tracking number 2013-02748, originally received on April 15, 2013 was surveyed and accepted for registration as follows:

CRN : 0F15876.52

Accepted on: June 20, 2013 Expiry Date: March 08, 2023

Reg Type: New Design

Drawing No. : OPTIFLEX 2200 TECHNICAL DOCUMENTATION

Fitting type: GUIDED RADAR (TDR) LEVEL METER - OPTIFLEX 2200

Design registered in the name of : KROHNE SAS

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

TSSA SR# 1079032/CRN 0F15876.5

The pressure and temperature ratings for these fittings is as per section 1.3, 2.3 and 3.3 of Krone Technical Presentation.

This registration is valid only for fittings fabricated at the location(s) covered by the QC certificate attached to the accepted AB-41 Statutory Declaration form. This registration is valid only 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.

Enclosed are stamped prints for your reference.

Sincerely,

no da

PREDA, DRAGOS, P. Eng.

AB-41 2005-02

I, Cédric GEORGES Chief Engineer (company title, e.g. vice president, plant manager, chief engineer) (must be in a position of authority) of KROHNE S.A.S (name of manufacturer) Les Ors, 26103 Romans sur Isère, FRANCE located at (plant address) do solemnly declare that the fittings listed hereunder, which are subject to the Safety Codes Act (check one) \boxtimes comply with the requirements of ASME Section VIII, Division 1 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 as supported by the attached data which identifies the dimensions, comply with 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 as being suitable for the manufacture of these fittings to the following authority, Lloyd's Register Quality stated standard. The fittings covered by this declaration, for which I seek registration, are category F type fitting In support of this application, the following information, calculations and/or test data are attached: **DP-OPTIFLEX-2200** DECLARED before me at KROHNE, France in the France territory of this day of (Month) SON (print) (Signature of Applicant) (sign) (A Commissioner for Oaths) See Acceptance Letter for the comments 6a For Office Use Only requirements of the Safety Codes Act and CSA Standard To the best of my knowledge and belief, the and

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.

POMANS

B51, Clause 4.2, and is accepted for registration

Registration Number:

Date Registered:

the pressure equipment safety authority STATUTORY DECLARATION Registration of Fittings

KROHNE

See page 2

(For the Administrator/Chief Inspector of Alberta)

Expiry Date: 2025

Statutory Declaration Registration of fittings

OPTIFLEX 2200

On behalf of KROHNE S.A.S we are applying for CRN Design registration for our New Guided Radar level meter OPTIFLEX 2200 series as described within. The OPTIFLEX level meter will be equipped with the KROHNE Logo.

Product model names to be registered is:

- OPTIFLEX 2200

For Details: design standard specification, stress calculation and pressure / temperature chart give the Maximum Working pressures, temperatures, sizes, class...

OPTIFLEX 2200 is manufactured by KROHNE manufacturing facilities.

End of page 2.

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KROHNE



ENTREE 1 2 AOUT 2013 KROHNE SAS - ROMANS

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

August 07, 2013

CEDRIC GEORGES KROHNE S.A.S BP98 26103 ROMANS CEDEX FR

Service Request Type.: BPV-National MB Service Request No.: 1079048 Your Reference No.: OPTIFLEX 2200 Registered to.: KROHNE S.A.S

Dear CEDRIC GEORGES,

Please find enclosed the original response from MB, registered under the CRN No.: 0F15876.54.

As all jurisdictional fees are handled by the Technical Standards and Safety Authority (TSSA), you do not pay any jurisdictions directly.

Should you have any questions or require further assistance, I will be happy to assist you. For general enquiries, please contact a Customer Service Advisor at 1.877.682.TSSA (8772) or e-mail customerservices@tssa.org. When contacting TSSA regarding this file, please refer to the Service Request number provided above.

Yours truly,

Tanya Francis Administrative Assistant_ BPV Engineering Tel.: 416-734-3423 Fax: 416-231-6183 Email:tfrancis@tssa.org

Putting Public Safety First



Inspection and Technical Services Manitoba 500 - 401 York Avenue Winnipeg Manitoba R3C 0P8 T (204) 945-3373 F (204) 948-2309 www.firecomm.gov.mb.ca/codes_steam_pressure.html

June 26, 2013

TSSA 3300 Bloor St. W, Center Tower, 14th Floor Toronto, ON M8X 2X4

Attn: Tanya Francis

REGISTRATION OF VALVES AND FITTINGS

Manufacturer: Krohne SAS

The design(s) for the following Valves/Fittings has been received by us and has been examined and accepted for registration in the Province of Manitoba as follows.

DRAWING / CATALOGUE	CRN	FILE
OPTIFLEX 2200	0F15876.54	32699

An invoice covering survey and registration fees is enclosed.

NOTE: This registration expires March 8, 2023.

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.

The registration of this design does not relieve the manufacturer, the owner or his agent of the responsibility for the design or construction of a fitting in accordance with the applicable Acts, Codes and Standards. Inspection and Technical Services assumes no responsibility by registering designs, examining plans and/or inspecting equipment or facility.

Yours truly,

Ryan DeLury, C.E.T. Senior Design Surveyor, Inspection and Technical Services



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BOILERS AND PRESSURE VESSELS SAFETY DIVISION 3300 Bloor Street West 4th Floor, West Tower Toronto, Ontario CANADA M8X 2X4

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See page 2

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STATUTORY DECLARATION Registration of Fittings

 I, Cédric GEORGES, Chief Engineer (Name & Position, e.g. President, Plant Manager, Chief Engineer) of KROHNE S.A.S (Name of Manufacturer) 				
Located at 26103 ROMANS Sur ISERE, Les Ors, FRANCE (Plant Address)+33 (0)475 054 485 (Telephone Number)+33(0) 475 050 048 (Fax Number)				
X do solemnly declare that the fittings listed hereunder, which are subject to the Technical Standards and Safety Act, 2000, and Regulations for Boilers and Pressure Vessels comply with all of the requirements of ASME Section VIII, Division 1 Edition 2007				
or are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with 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: 2008 which has been verified by the following authority, Lloyd's Register Quality Assurance France S.A.S. The items covered by this declaration, for which I seek registration, are category \underline{F} type fittings. In support of this application, the following information and/or test data are attached as follows: See documentation DP OPTIFLEX 2200 (Drawings, calculations, test reports, etc.)				
Declared before me at KROHNE S.A.S, Romans sur Isere, in the territory of France				
the 12 day of February AD 2013 Commissioner for Oaths:				
(Printed name)				
(Signature)				
* FOR OFFICE USE ONLY				
To the best of my knowledge and belief, the applications the requirements of the Technical Standards and Safety Act, 2000, and Regulations for Boilers and Pressure Vessels and CSA Standard B51 and is accepted for registration in Category				
CRN: 0F15876.54				
Registered by: Received by:				
Dated: June 24, 2013				
This registration expires on MAR 8, 2023				
Document Name: TSSA Statutory Declaration Form, March 15, 2005, Rev.01.doc				

OPTIFLEX 2200

KROHNE

On behalf of KROHNE S.A.S we are applying for CRN Design registration for our New Guided Radar level meter OPTIFLEX 2200 series as described within. The OPTIFLEX level meter will be equipped with the KROHNE Logo.

Product model names to be registered is:

- **OPTIFLEX 2200**

For Details: design standard specification, stress calculation and pressure / temperature chart give the Maximum Working pressures, temperatures, sizes, class...

OPTIFLEX 2200 is manufactured by KROHNE manufacturing facilities.

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ſ	Inspection & Boiler & Technical Services Manitoba Safety Program	
	Manitoba THIS IS PART OF CRN	Contraction of the local division of the loc
	01-15016.97	



To:	TSSA	From:	Janet Townsend
Company:	Krohne SAS	Phone:	416-747-4291
Pages:	5	Location:	Toronto
Our File:	ANR-2691	Date:	May 8, 2013

Your File: 1079040

Subject: <u>Request for Design Registration</u>

Dear Ms. Francis,

CSA has reviewed the documentation submitted by TSSA on behalf of Krohne SAS. These fittings have been registered by CSA for the Province of Québec. In accordance with an agreement between CSA, the Provinces of Québec and Saskatchewan; this registration is recognized by Quebec and Saskatchewan. These fittings are acceptable for use in these Provinces.

The letters CSA will be applied as a prefix to the CRN indicate which fittings have been registered in this manner. A copy of the stamped Statutory Declaration is attached.

The CRN is CSA-0F15876.56.

The cost for this service is \$ 760.00 plus HST.

A copy of the Statutory Declaration with an original stamp affixed will be forwarded to you along with our invoice by regular mail.

Yours truly

jast Toursel

Janet Townsend Account Manager CSA Group janet.townsend@csagroup.org www.csagroup.org

Saskatchewan

Besicatchewa Municipal Government Printellin Survices 330 - 1855 Victorin Avenue Region, Saskutobeway 54P 3V7

787-4509

April 23, 1998

Re: Fittings Registration

The Province of Saskatchewan will be participating with Quebec, Manitoba and the Canadian Standards Association (CSA) in a pllot project for the registration of fittings. We will recognize registrations done by CSA and accept such fittings for use in Saskatchewan.

The letters CSA will be applied as a prefix to the CRN to indicate which fittings have been registered in this manner. I would appreciate if you could inform your clients of this additional marking requirement.

You may also inform your clients that fittings registered by CSA are accepted for use in Saskatchewan.

Your truly N. Surtege, P. Eng. Executive Director



BOILERS AND PRESSURE VESSELS SAFETY DIVISION 3300 Bloor Street West 4th Floor, West Tower Toronto, Ontario

CANADA M8X 2X4

KROHNE

See page 2

STATUTORY DECLARATION Registration of Fittings					
 I, Cédric GEORGES, Chief Enginee (Name & Position, e.g. President, Plant of KROHNE S.A.S (Name of Manufacturer) Located at 26103 ROMANS Sur ISERI (Plant Address) X do solemnly declare that the fittin 2000, and Regulations for Boiler <u>ASME Section VIII, Division</u> (Title of recognized North Ameri which specifies the dimensions, p fittings and service; 	Manager, Chief Engineer) E, Les Ors, FRANCE ngs listed hereunder, which a rs and Pressure Vessels comp <u>1 Edition 2007</u> ican Standard)	ply with all of the requireme	ents of		
comply with					
I further declare that the manufacture of the <u>ISO 9001: 2008</u> which has been verified <u>S.A.S.</u> The items covered by this declarate application, the following information and See documentation DP OPTIFLEX 22 (Drawings, calculations, test reports, etc.)	tion, for which I seek registr l/or test data are attached as	Lloyd's Register Quality ation, are category <u>F</u> type	y Assurance France		
Declared before me at KROHNE S.A.S, R	omans sur Isere, in the territ	ory of France			
the 12 day of February AD 2013 Commissioner for Oaths:	10224				
(Printed name)	RNASSON, notation	TE			
		te	5		
(Signature)		(Signatur	e of Declarer)		
	* TOP OFFICE USE				
To the best of my knowledge and belief, th Technical Standards and Safety Act, 2000, and is accepted for registration in Category	and Regulations for Boilers	irements of the			
CRN: CSA-OF15876	<u>6,</u> 56				
Registered by: B. SAND	HU	C.R.N.:	sam jet Sandly		
Dated: MAY OB	-2013		A CARL COMPANY OF A C		
This registration expires on	= MARCH 08:	2023 Date: 06 1	May 2013		
Document Name: TSSA Statutory Declaration For	The market of the second	178 Rexdale Biv	vd., Toronto, ON M9W 1R3		
	ne attachment for the sc registration.	ope			

Statutory Declaration Registration of fittings

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OPTIFLEX 2200 is manufactured by KROHNE manufacturing facilities.

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THIS IS PART OF Technical Scentratis & Safety Authority CRN 185581 2h Mmcn 8/13 EoliaLe 4

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