

Montréal, 2 mai 2018

MR. CUNG NGUYEN
N-CUBED ENGINEERING
#409-8 MAIN STREET
HAMILTON ONTARIO
CANADA L8N 1E8

Manufacturer : METTLER-TOLEDO GMBH, PROCESS ANALYTICS
IM HACKACKER 15, CH-8902
Ville (Province)
URDORF SWITZERLAND

Our reference : 954057
Design number : SCOPE OF REGISTRATION- HOUSING INFIT 761 & INTRAC 777 W/ SENSORS
SEE COMPLETE PRODUCT LIST FOR CRN REGISTRATION VERSION 1.4

Subject: Registration of designs – Confirmation of approval

Dear Sir, Dear Madam:

The Régie du bâtiment du Québec (RBQ) informs you that your application for the registration of designs has been evaluated and that the design was registered under the Canadian Registration Number (CRN\NEC) : 0F12048.56.

We bring your attention this requirement of the regulation respecting pressure vessels, and the codes and standards adopted :

- The manufacturer must maintain a valid quality control program to produce according to the CRN.

This notice of approval does not relieve the constructor of his responsibilities with respect to the design or construction of equipment manufactured according to this CRN.

Yours sincerely,

Bureau d'expertise et d'homologation en équipements sous pression

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Numéro de dossier : 954057

Numéro(s) de dessin (s) : SCOPE OF REGISTRATION- HOUSING INFIT 761 & INTRAC 777 W/
SENSORS

SEE COMPLETE PRODUCT LIST FOR CRN REGISTRATION VERSION 1.4

Objet : Enregistrement des plans et devis – Confirmation de l'enregistrement

Monsieur,

La Régie du bâtiment du Québec (RBQ) vous informe que votre demande d'enregistrements de plans et devis a été traitée et que cette conception a été enregistrée sous le numéro d'enregistrement canadien (NEC\CRN) : 0F12048.56.

Nous portons à votre attention cette exigence applicable à la réglementation sur les appareils sous pression et des codes et normes qui y sont associés :

- Le constructeur doit maintenir un système de contrôle de la qualité valide pour fabriquer selon ce NEC.

Le présent avis d'approbation ne dégage pas le constructeur de ses responsabilités quant à la conception ou à la construction des équipements fabriqués selon ce NEC.

Salutations distinguées,

Bureau d'expertise et d'homologation en équipements sous pression

N.B. Translation of this communication below.

Statutory Declaration Registration of Fittings

(a) Design Qualification

METTLER TOLEDO

I¹ Waldemar Josef RAUCH
(Name of applicant)

Head of Process Analytics Division
(Position eg, president, plant manager, chief eng.)

of Mettler-Toledo GmbH, Process Analytics
(name of company)

Located at Im Hackacker 15, CH-8902, Urdorf, Switzerland
(plant address)

do solemnly declare that the fittings listed hereunder, which are subject to the Boilers & Pressure Vessels Act:

☒ comply with all the requirements of the ANSI/ASME codes as to their dimensions, material, identification & service for which are required: ASME B31.3-2016

Or

☐ are not covered by the provisions of the ANSI/ASME codes, and are therefore constructed to comply with _____
_____ code and standard, and are designed to the best current engineering practice, as shown by the supporting
test data.

(b) Quality control of Manufacture

I further declare the manufacture of these fittings is controlled by a quality control program which complies with the requirements of
ISO9001 & ISO14001, and has been verified by the following authority or authorized agency SQS, Bernstrasse 103, CH-3052
Zollikofen, Switzerland

The fittings² covered by this declaration, for which I seek registration, are InFit761, InTrac777, sensors (pH,O2,conductivity,turbidity)
per attached sheets

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

a) drawings, b) design calculations, and c) proof test reports.

Declared before me at _____

In the of _____ of _____

The ____ day of _____ AD 2 0 1

A (commissioner for oaths)

Waldemar Josef Rauch
Signature of Declarer³

For Official Use Only

The application is accepted for registration in Category F in accordance with the Boilers and Pressure Vessels Act
and CSA Standard B51.

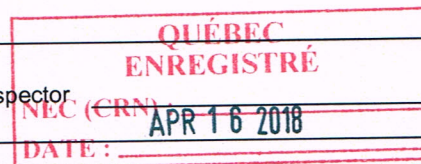
This registration must be revalidated after ten (10) years from the date of acceptance.

Registered Number CRN

OF 12048.56

For the Chief Inspector

Date



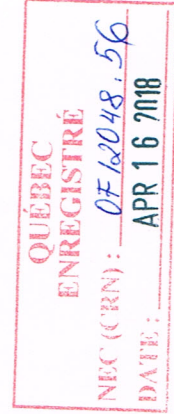
¹ Three completed copied of Statutory Declaration form together with three copies of Catalogs, drawings of Bulletins illustrating above fittings shall be submitted.

² All fittings are required to be registered in the name of the Manufacturer.

³ This form shall be completed and signed by the president of highest official in the manufacturing plan where the fitting is produced.

Housing and Sensor overview for CRN registration:

Product	Dimensions	Material	Sealing	Process	Pressure	Temperature	Standards	Pressure	Temperature
Retractable Housing (InTrac family)									
InTrac777M/100/404/D00/V/A00	52403206 DN25 Ingold socket	316L/C22/Titanium	1	1	1	1	1	1	1
InTrac777M/100/404/A02/V/A00	59800048 ANSI 1.5"	316L/C22/Titanium	1	1	1	1	1	1	1
InTrac777M/200/404/A03/V/S00	59800450 ANSI 2"	316L/C22/Titanium	1	1	1	1	1	1	1
InTrac777R/200/404/A04/V/A00	59800174 ANSI 3"	316L/C22/Titanium	1	1	1	1	1	1	1
InTrac777M/200/404/N01/V/A00	52403219 NPT 1"	316L/C22/Titanium	1	1	1	1	1	1	1
InTrac777M/100/404/N02/Ka/A00	59800600 NPT 1 1/4"	316L/C22/Titanium	1	1	1	1	1	1	1
InTrac777M/200/404/N03/V/S00	59800397 NPT 1 1/2"	316L/C22/Titanium	1	1	1	1	1	1	1
These housings are available in different immersion lengths, sealing materials, pneumatic and manual versions etc. All possible configurations needs to get CRN. Pressure relevant is only the process connection and the inserted sensor. Possible variants, see InTrac configurator									
Stationary Housing (InFit family)									
InFit761MS/0070/4435/D00/SB-	007613043/G DN25 Ingold socket	316L/C22/Titanium	1	1	1	1	1	1	1
This housing is available in different immersion lengths, sealing materials, etc. All possible configurations needs to get CRN. Possible variants, see InFit configurator									
pH Sensor									
InPro3250/225mm	52002553 12mm diameter	Glas	Pg 13.5 (PBT)	7 PBT	3.4 Glas, PBT	1			
InPro4260/225mm	52002988 12mm diameter	Glas	Pg 13.5 (PBT)	8 PBT	3.4 Glas, PBT	1			
InPro4800/225mm	52002127 12mm diameter	Glas	Pg 13.5 (PBT)	9 PBT	3.4 Glas, PBT	1			
This sensors are available in different sensor lengths, different temp. Sensors etc. All sensors with the Glas design and the Pg 13. thread needs to get CRN									
Oxygen Sensor									
InPro6800/220mm	52200966 12mm diameter	316L	Pg 13.5 (SS and PBT)	10 PBT, AISI 303	3.4, 6 PBT	3.1b	2	EN10204	1
This sensors are available in different sensor lengths and different internal design. All sensors (with SS or PBT thread) needs to get CRN									
Turbidity Sensor									
InPro8200/205mm	52800217 12mm diameter	316L/C22	Pg 13.5 (SS and PBT)	11 PBT, AISI 303	3.4, 5 PBT	3.1b	3	EN10204	1
This sensors are available in different sensor lengths and different internal design. All sensors (with SS or PBT thread) needs to get CRN									
Conductivity Sensor									
InPro7001/225	52001998 12mm diameter	316L	Pg 13.5 (SS)	12 AISI 303	6	3.1b	4	EN10204	1



0F12048.56