

Montréal, le 18 octobre 2024.

NICOLE KILGORE  
PRESSURE VESSEL ENGINEERING LTD.  
1-1440 KING STREET NORTH, PO BOX  
ST. JACOB'S ONTARIO  
CANADA N0B 2N0

Manufacturer : UNITED ELECTRONIC CONTROLS  
180 DEXTER AVENUE  
WATERTOWN MASSACHUSETTS  
USA 02472

OUR REFERENCE : 943177  
Design number : Scope of registration 6706s-1 Rev.0  
62174-63 Rev. D

**Subject: Design registration confirmation**

Hi,

We wish to inform you that your design registration application has been evaluated and that it was registered under the following Canadian Registration Number (CRN): **0F12361.26**.

The following is a reminder of your obligations regarding certain requirements of the regulation respecting pressure vessels, and the referenced codes and standards:

- The manufacturer must maintain a valid quality control program to manufacture equipment according to the CRN.
- The CRN remains valid as long as there are no changes to the design calculations that might affect the pressure boundary. The design registration of fittings expires 10 years after acceptance. It must, therefore, be resubmitted for validation.
- The manufacturer shall submit a copy of the *Manufacturer's Data Report* to us for each boiler or pressure vessel manufactured according to this CRN within 30 days following the signing of this report.
- The drawing number and the revision number registered under this CRN must be indicated on the *Manufacturer's Data Report* for equipment manufactured according to the CRN.

This notice of approval does not relieve the manufacturer of their responsibilities with respect to the design or fabrication of equipment manufactured according to this CRN.

Yours sincerely,

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

**Montréal**

255, boul. Crémazie Est, 2ième étage  
Montréal (Québec) H2M 1L5  
Téléphone : 514 873-2546  
Sans frais : 1 866 262-2084  
[enregistrementdesplans@rbq.gouv.qc.ca](mailto:enregistrementdesplans@rbq.gouv.qc.ca)  
[www.rbq.gouv.qc.ca](http://www.rbq.gouv.qc.ca)

Building Act (B-1.1)  
Regulation respecting pressure vessels (B-1.1, r. 6.1)  
Boiler, pressure vessel, and pressure piping code (CSA B51)



This declaration must be filled out and sent to the Régie du bâtiment du Québec (RBQ) by pressure fitting manufacturers when they make an application registration for fittings.

For more information on the application registration for fittings, consult the [www.rbq.gouv.qc.ca/fittings-pv](http://www.rbq.gouv.qc.ca/fittings-pv).

## 1. Fittings to register

List the fittings included in this declaration and that you wish to register.

| N° | Description                    | Additional information (detail, calculations or approval sheets) |
|----|--------------------------------|--|
| 1  | Category F , Pressure Switches | 6706s-1  |
| 2  |                                |  |
| 3  |                                |  |
| 4  |                                |  |
| 5  |                                |  |

## 2. Declaration of the person in charge

The person in charge is someone in a position of authority, such as a vice-president, a plant manager or a chief engineer.

**2.1 Design**

I, the undersigned, Charles Heines Certification Engineer  
(Name of the person in charge) (Title of the person in charge)

from United Electric Controls, located at 180 Dexter Avenue, Watertown, MA 02472, United States  
(Company's name) (Plant's address)

hereby declare that the above-mentioned fittings and subject to the Regulation respecting pressure installations:

comply with the requirements of the ANSI/ASME codes as to their dimensions, identification, material and purpose  
or  
 are not covered by the ANSI/ASME codes, but are in compliance with ASME B31.3, 2022 Edition  
(Name of code or standard)

code or standard and are designed according to the best current engineering practice, as proven by the enclosed approval report.

**2.2 Manufacturing quality control**

I further declare that the manufacture of these fittings is controlled by a quality control program that complies with the requirements of the following code: ISO 9001:2015, and has been verified by SGS North America, Inc.  
(Name of code) (Authorized agency)

Signature of the person in charge:  Date (yyyy-mm-dd): 2024-05-17

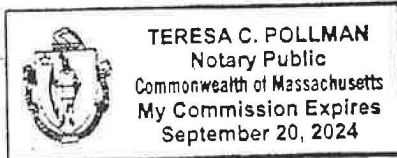
### 3. Declaration of commissioner for oaths

I certify that this declaration has been administered before me, at Watertown, MA, on 5/17/24.  
(Location) (Date (yyyy-mm-dd)):

Signature of commissioner for oaths: Teresa Pollman

Date (yyyy-mm-dd): 5/17/24

Stamp the seal:



### 4. Registration confirmation (for RBQ's use only)

As far as I know, this application complies with the requirements of the Act and with standard CSA B51, Part 1, section 4.2, and is accepted for registration in the class \_\_\_\_\_.

This registration expires in ten (10) years after the date of registration indicated above, and it must be validated again after this period.

Canadian registration number (CRN):

Registration date (yyyy-mm-dd):



#### Documents to attach

Any application registration for fittings must include these documents:

- Statutory Declaration Registration of Fittings (2 copies)
- Detailed calculations or burst test report (1 copy)
- Detailed technical drawings or catalogues (2 copies)
- Example of the manufacturer's marking (1 copy)
- Proof that a valid and approved quality control program has been implemented (1 copy)
- Form Application for design registration (1 copy)

#### Sending the form

This declaration is mandatory in order to submit an application registration of fittings.

Application registration for fittings must only be sent by mail to this address:

Bureau d'expertise et d'homologation en équipements sous pression  
Régie du bâtiment du Québec  
545, boulevard Crémazie Est, 7<sup>e</sup> étage  
Montréal (Québec) H2M 2V2

**Postal**

180 Dexter Avenue  
Watertown, MA  
02472-4200  
USA

**Telephone**

617-926-1000

**Web Address**

[www.ueonline.com](http://www.ueonline.com)

Select UE pressure and differential pressure models have been issued a Canadian Registration Number (CRN). CRN Letters for all Canadian provinces and territories are available on the UE website (<https://www.ueonline.com/crn-ca/>).

A summary of CRN registered pressure and differential pressure models and those with restrictions follows:

Series and models with CRN registration<sup>[6]</sup>

| <u>Series</u>                           | <u>Model Numbers</u>   |
|---|--|
| <b>J6 Series</b>                        | 354, 356, 358, 360, 362, 364, 610, 612, 614, 680   |
| <b>10 Series</b>                        | 10 – 16, 15803   |
| <b>12 Series<sup>[1][2]</sup></b>       | 2 – 9, P0 – P9   |
| <b>J21K Series</b>                      | 357  |
| <b>100/117 Series<sup>[3]</sup></b>     | 171 – 174, 183 – 194, 483 – 486, 488 – 494, 358, 361, 376, 610, 612, 616, 680, 701 – 706                 |
| <b>120 Series<sup>[4]</sup></b>         | 171 – 174, 183 – 194, 483 – 486, 488 – 494, 356, 358, 361, 376, 552 – 555, 610, 612, 616, 680, 701 – 706 |
| <b>400 Series</b>                       | 358, 361, 376, 552 – 555, 570 – 572, 610, 612, 614   |
| <b>One Series/Excelsa<sup>[5]</sup></b> | P10 – P20, K10 – K13   |



Product models with Maximum Service Pressure restrictions for CRN registration

- [1] 12 Series Models P4 and P9 are derated from 12,500 psi to 9,900 psi.
- [2] 12 Series Models 3 and 5 with standard ½" NPTM pressure connection are derated from 6,000 psi to 3,350 psi unless option M511 is chosen.
- [3] 100/117 Series Models 189 and 489 are derated from 3,500 psi to 3,350 psi.
- [4] 120 Series Models 189 and 489 are derated from 3,500 psi to 3,350 psi.
- [5] One Series and Excelsior gage pressure sensors are derated from 6,000 psi to 4,450 psi.

Process connection material restrictions for CRN registration

[6] Canadian Registration Numbers (CRN) are valid for products with process connections constructed from Stainless Steel Type 316 (ASTM 479) material only. Some products have standard Stainless Steel Type 316 process connection materials. Some products will require an option (i.e. M511, M540, etc.) to change the process connection material to Stainless Steel Type 316 to be CRN compliant. Please consult UE website and product datasheets for standard and optional process connection materials when selecting product models.

For any questions and further CRN registration information (62174-63 Calculations, 6706s-1 Scope, etc.) please contact UE Sales Application Engineering at [InsideSales@ueonline.com](mailto:InsideSales@ueonline.com).