

## REGISTRATION OF A PRESSURE FITTING DESIGN

October 17, 2024

Pressure Vessel Engineering  
1440 King Street N, Unit 1, PO Box 112  
St. Jacobs, ON  
Canada  
NOB 2N0

**Attention: Nicole Kilgore**

**File Number: 101667**

**Re: Manufacturer: United Electric Controls Company**

**Item: Pressure Switches**

**Catalog or Drawing: Scope of Registration 6706s-1 R0, 62174-63 Rev. D**

TSASK Codes and Standards Compliance has registered the design listed above in accordance with The Boiler and Pressure Vessel Act and Regulations and CSA B51. The Canadian Registration Number (CRN) is:

**0F12361.23**

**Expiry Date: 2034-09-23**

Please note that every fitting shall be constructed in strict accordance with the registered design.

Fitting registrations are required to be resubmitted for validation after ten (10) years from the registration date in accordance with CSA B51, Clause 4.2.1.

Should you require anything further, please do not hesitate to contact the Codes and Standards Compliance Office at your convenience.

Yours truly,

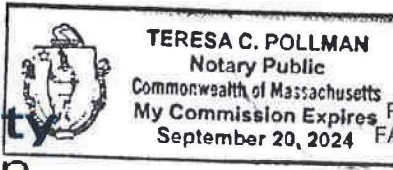


Liting (Frank) Huang, P.Eng.

Codes and Standards Compliance

**Remarks:**

A valid quality control program must be maintained at the production facility for the fitting registration to remain valid until the expiry date.



Statutory Declaration (Registration of Fittings)

TSK-1008

I. Declaration Information

I, Charles Heines  
Certification Engineer  
(company title, e.g. vice president, plant manager, chief engineer)  
(must be in a position of authority in the manufacturing plant where the fitting is produced)

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


of: United Electric Controls  
(name of manufacturer)

located at: 180 Dexter Avenue, Watertown, MA 02472, United States  
(Plant Address - Apt/Street) (City, Prov) (Postal Code)

do solemnly declare that the fittings listed hereinunder, which are subject to the **Saskatchewan Boiler and Pressure Vessel Safety Act** (check one)

- Comply with the requirements of \_\_\_\_\_ which specifies the dimensions, 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 B31.3, 2022 Edition 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 manufacturer of these fittings is controlled by a quality control program which has been verified by the following authority, SGS North America, Inc. as being suitable for the manufacturer of these fittings to the stated standard. The fittings covered by this declaration, for which I seek registration, are Category F, Pressure Switches

In support of this application, the following information, calculations and / or test data are attached:  
Scope Document: 6706s-1

II. Declaration

DECLARED before me at Watertown In the State of Massachusetts  
this 17th day of May, 2024  
Teresa C. Pollman (print name) [Signature] (Signature)  
[Signature] (Signature of Commissioner of Oaths)

III. Office Use Only

To the best of my knowledge and belief, the application meets the requirements of the **Boiler and Pressure Vessel Safety Act** and CSA B51, Clause 4.2, and is accepted for registration in Category \_\_\_\_\_

(Registration Number) \_\_\_\_\_ (Date Registered - MM DD YYYY) \_\_\_\_\_ (Expiry Date - MM DD YYYY) \_\_\_\_\_  
(For the Administrator / Chief Inspector)

Technical Safety Authority of Saskatchewan  
Registration No. OF12361.23  
File No. 101667  
 Registered  
Date: October 17, 2024  
Expiry Date: September 23, 2034  
Codes & Standards Compliance Office

**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).