

ATTN: NICOLE KILGORE
PRESSURE VESSEL ENGINEERING
#1 1440 KING STREET
ST. JACOBS ON N0B 2N0

Date: 08-Jan-2025
TSBC Account #: 061511
TSBC Admin Number: 112383
Canadian Registration Number: 0F12361.21

Re: Application for Design Registration

The design, as detailed in your Design Portal application PVE-6706 for a Pressure Fitting is registered with the following notes and considerations:

Registered To:	United Electric Controls Company
Project Name:	PVE-6706
Drawing #:	Scope 6706s-1
Drawing Revision:	0

Conditions of Registration:

(1) Fitting Registration Expiry Date: 22-Sep-2034 (2) The 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 quality management system lapse before the expiry date indicated above, this registration shall become void.

Reviewer's Notes:

Any additional conditions and considerations from the initial province of registration shall apply to this BC registration.

Full details of this submission including the scope of registration, design conditions, fabrication details, and calculations pertaining to this design are located in the above Admin Number on the Design Portal. For all other enquiries, please contact eim@technicalsaftybc.ca.

The Engineering Information Management Team

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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^[6]

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