the pressure equipment safety authority

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

September 23, 2024

Attention: Nicole Kilgore
PRESSURE VESSEL ENGINEERING INC
PO BOX 112
1440 KING STREET NORTH UNIT# 1
ST JACOBS, ON N0B 2N0

The design submission, Tracking Number 2024-03348, Web Portal Number 2024-S2336, originally received on May 31, 2024 was surveyed and accepted for registration as follows:

CRN : 0F12361.2 **Accepted on:** September 23, 2024
Reg Type: RENEWAL **Expiry Date:** September 23, 2034
Drawing No. : 62174-63 Rev D
Fitting type: Pressure Switches

Design registered in the name of : UNITED ELECTRIC CONTROLS CO

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

As indicated on AB-41 Statutory Declaration or AB-351 Declaration of Conformity form and submitted documentation, the code of construction is ASME B31.3.

- It is our understanding that the fitting(s), included as the scope of this submission, that is(are) subject to the Safety Codes Act shall comply with the requirements of the indicated Standard or Code of Construction on the AB-41 Statutory Declaration or AB-351 Declaration of Conformity as supported by the attached data which identifies the dimensions, materials of construction, press./temp. ratings and the basis for such ratings, and the identification marking of the fittings.
- 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 or AB-351 Declaration of Conformity form.
- This registration is valid only until the indicated expiry date and only if the Manufacturer maintains a valid quality management system approved by an acceptable third-party agency, and maintains a valid Certification of Authorization Permit if required by the jurisdiction where manufacturing takes place, until that date.
- Should the approval of the quality management system lapse before the expiry date indicated above, this registration shall become void.
The scope of this registration contains renewal of registration from Tracking number 2014-07526 and additon from tracking number 2009-05193.

An invoice covering survey and registration fees will be forwarded from our Revenue Accounts.

If you have any question don't hesitate to contact me by phone at (587) 686-9323 or fax (780) 437-7787 or e-mail Dedovic@absa.ca.

Sincerely,

DEDOVIC, BLAZO, M. Eng.

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September 23, 2024

DOP Cert. No. D00005642

Alberta Municipal Affairs

ABSA
the pressure equipment safety authority

AB-41 2019-08

STATUTORY DECLARATION
Registration of Fittings
Single or Multiple Fitting Designs within one Fitting Category

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

I, Charles Heines (name of applicant), Certification Engineer (position title) (must be in a position of authority)

of United Electric Controls (name of manufacturer)

located at 180 Dexter Avenue, Watertown, MA 02472, United States (plant address)

do solemnly declare that the fittings listed hereunder, which are subject to the Safety Codes Act (select only one)

☐ comply with the requirements of _____ (title of recognized North American Standard) 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 (title of code of construction or other applicable document) as supported by the attached data which identifies the dimensions, materials of construction, pressure/temperature ratings and the basis for such ratings, and the identification marking of the fittings.

I further declare that the manufacture of these fittings is controlled by a quality control program which has been verified as described in the below Table as being suitable for the manufacturing of these fittings to the stated standard, regulation, code, guideline or other applicable document. The fittings covered by the declaration for which I seek registration are as provided in the Supplementary Sheet(s) attached.

Quality Program Verification and Manufacturing Sites

A copy of the Quality Certificate from each manufacturing site must be included

Item #	Product Description, Model or Series	Quality Program	Scope of Certification	Expiry Date	Verifying Organization	Location(s) Plant Name and address
1.	Category F, Pressure Switches	ISO 9001:2015	Design, Manufacture and Service of industrial Controls and Sensors for Temperature , Pressure and Gas Detection	07-December-2024	SGS North America, Inc.	180 Dexter Avenue, Watertown, MA 02472, United States
2.						

TERESA C. POLLMAN
Notary Public
Commonwealth of Massachusetts
My Commission Expires
September 20, 2024

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

Scope Document: 6706s-1

(Signature of the Declarer)

2024-05-17
(Date)

DECLARED before me at Watertown (city) in the State of Massachusetts (province, territory, or state)

this 17th day of May (Month), 2024 (Year)

(print) Teresa Pollman (a Commissioner of Oaths or Notary Public)

(sign) Teresa Pollman (a Commissioner of Oaths or Notary Public)

09/20/24
(expiry date (mm/dd/yy))

Commissioner of Oaths / Notary Public in and for: Commonwealth of Massachusetts (province, territory, or state)

For ABSA Office Use Only:

NOTES:

To the best of my knowledge and belief, the application meets the requirements of the Safety Codes Act and CSA Standard B51, Part 1, Clause 4.2, and is accepted for registration in Category

CRN:

Registered Date:

Expiry Date:

Signature:

2024-03348
ABSA
SAFETY CODES ACT - PROVINCE OF ALBERTA
ACCEPTED: 0F12361.2
See acceptance letter for conditions of registration.
Date: 2024-09-23 By:
BLAZO DEDOVIC, M. Eng.
DOP: D00005642
This stamp and signature have been affixed electronically to this registered design as required by Section 20(1) of the Pressure Equipment Safety Regulation, in accordance with the Electronic Transactions Act.

(Signature of the Administrator/SCO)

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 Pressure Equipment Discipline

Tracking #:

Table 1 Scope of Fitting Designs**

Item #	Primary Pressure Bearing / Retaining Component	Material of Construction	Port Connections and Size Range	MDMT	Rated Pressure		Pressure Class(es) / Schedule(s)	Design Code(s) of Construction	Reference Catalogue (pages) or Drawing(s)
					At Ambient Temperature	At Maximum Temperature			
	Pressure Switches	A479 316L	NPT, BSPP	-40°F	varies@70°F	varies@400°F		ASME B31.3, 2022 ED	62174-63

Table 2 Additional Scope Information

List/Attach Additional Detail and References (Product Configurations, Options, Illustrations, etc.)
Example: Series X Options

** For additional alternatives of Table 1, refer to Form AB-41a, Guide for Completing Form AB-41

Tracking #:_____

Postal
180 Dexter Avenue
Watertown, MA
02472-4200
USA

Telephone
617-926-1000

Web Address
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[6]

Series	Model Numbers
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/Excela[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 Excela 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.