



To:	TSSA	From:	Janet Townsend
Company:	United Electric Controls	Phone:	416-747-4291
Pages:	6	Location:	Toronto
Our File:	ANR-2496	Date:	July 22, 2013

Your File: 877534

Subject: Request for Design Registration

Dear Ms. Francis,

CSA has reviewed the documentation submitted by TSSA on behalf of United Electric Controls. These fittings have been registered by CSA for the Province of Québec. In accordance with an agreement between CSA, the Provinces of Québec and Saskatchewan; this registration is recognized by Quebec and Saskatchewan. These fittings are acceptable for use in these Provinces.

The letters CSA will be applied as a prefix to the CRN indicate which fittings have been registered in this manner. A copy of the stamped Statutory Declaration is attached.

The CRN is CSA-0F12361.26.

The cost for this service is \$ 820.00 plus HST.

A copy of the Statutory Declaration with an original stamp affixed will be forwarded to you along with our invoice by regular mail.

Yours truly

A handwritten signature in blue ink that reads 'Janet Townsend'.

Janet Townsend
Account Manager
CSA Group
janet.townsend@csagroup.org
www.csagroup.org



TECHNICAL STANDARDS &
SAFETY AUTHORITY
14th Floor, Centre Tower
3300 Bloor Street West
Toronto, Ontario
Canada M8X 2X4

Show facsimile of manufacturer's logo or trademark, as it will appear on the fitting, in the space below



STATUTORY DECLARATION Registration of Fittings

I, Eric F. Moitoso, Certification Engineer

(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of United Electric Controls

(Name of Manufacturer)

Located at 180 Dexter Avenue, Watertown, MA, 02472

(Plant Address)

617 321 1162

(Telephone No.)

617 926 4354

(Fax No.)

do solemnly declare that the fittings listed hereunder, which are subject to the *Technical Standards and Safety Act*, Boilers and Pressure Vessels Regulation, comply with all of the requirements of

(Title of recognized North American Standard)

which specifies the dimensions, materials of construction, pressure/temperature ratings, identification marking the fittings and service;

or are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with ASME B31.3 as supported by the attached data which identifies the dimensions, material of construction, pressure/temperature ratings and the basis for such ratings, the marking of the fitting for identification and service.

I further declare that the manufacture of these fittings is controlled by a quality system meeting the requirements of ISO 9001:2000 which has been verified by the following authority, Det Norske Veritas (DNV)

The items covered by this declaration, for which I seek registration, are category F type fittings. In support of this application, the following information and/or test data are attached as follows:

UE Pressure Product Bulletins, Hydrostatic/Proof Pressure Test Results, ISO 9001:2000 Quality System Certificate

(drawings, calculations, test reports, etc.)

Declared before me at Middlesex County of Massachusetts

the 15th day of August AD 2012.

Commissioner for Oaths:

Luke M. Warren

(Printed name)

Luke M. Warren

(Signature)

[Signature]

(Signature of Declarer)

FOR OFFICE USE ONLY

To the best of my knowledge and belief, the application meets the requirements of the *Technical Standards and Safety Act*, Boilers and Pressure Vessels Regulation, and CSA Standard B51 and is accepted for registration in Category F.

CRN: CSA-OF12361.26

Registered by: B. SANDHU

Dated: JULY 19 2013

NOTE: This registration expires on MAY 18 2022



Master List of Products and Models

Product	Model	Pressure Connection P/N	Max. Service Pressure (psi)	Operating Ambient Temperature Range (°F)	Media Temperature Range (°F)	Sensor Construction	Assembly Drawing Number
12 Series	P0	6232-491	500	-58°F to 203°F	0°F to 250°F	Piston/O-ring	M-13970
12 Series	P1	6232-428	1200	-58°F to 203°F	0°F to 250°F	Piston/O-ring	M-13970
12 Series	P2	6232-428	2600	-58°F to 203°F	0°F to 250°F	Piston/O-ring	M-13970
12 Series	P3	6232-472	5500	-58°F to 203°F	0°F to 250°F	Piston/O-ring	M-13970
12 Series	P4	6232-473, -475, -476, -477, -478, -479, -480, -481, -482	11200	-58°F to 203°F	0°F to 250°F	Piston/O-ring	M-13970, M-13972
12 Series	P5	6232-428	1200	-58°F to 203°F	0°F to 250°F	Piston/O-ring	M-13972
12 Series	P7	6232-428	2600	-58°F to 203°F	0°F to 250°F	Piston/O-ring	M-13972
12 Series	P8	6232-472	5500	-58°F to 203°F	0°F to 250°F	Piston/O-ring	M-13972
12 Series	P9	6232-473, -475, -476, -477, -478, -479, -480, -481, -482	11200	-58°F to 203°F	0°F to 250°F	Piston/O-ring	M-13972
12 Series	2	6232-231	850	-58°F to 203°F	-50°F to 400°F	Welded Diaphragm	62102-227, M-13961
12 Series	3,4,5,6,8,8	6232-343, -344, -364	6000	-58°F to 203°F	-20°F to 320°F	Polyimide or 316 304	M-13962, M-13963, M-13968
12 Series	7&9	6232-331	125	-58°F to 203°F	-50°F to 400°F	Welded Diaphragm	6102-216, M-13964, M-13969
One Series	P10	62139-375	5	-40°F to 185°F	-40°F to 257°F	Welded Pressure Capsule	62139-374
One Series	P11	62139-375	15	-40°F to 185°F	-40°F to 257°F	Welded Pressure Capsule	62139-374
One Series	P12	62139-376	30	-40°F to 185°F	-40°F to 257°F	Welded Pressure Capsule	62139-374
One Series	P13	62139-377	50	-40°F to 185°F	-40°F to 257°F	Welded Pressure Capsule	62139-374
One Series	P14	62139-378	100	-40°F to 185°F	-40°F to 257°F	Welded Pressure Capsule	62139-374
One Series	P15	62139-379	300	-40°F to 185°F	-40°F to 257°F	Welded Pressure Capsule	62139-374
One Series	P16	62139-380	500	-40°F to 185°F	-40°F to 257°F	Welded Pressure Capsule	62139-374
One Series	P17	62139-381	1000	-40°F to 185°F	-40°F to 257°F	Welded Pressure Capsule	62139-374
One Series	P18	62139-382	3000	-40°F to 185°F	-40°F to 257°F	Welded Pressure Capsule	62139-374
One Series	P19	62139-383	4500	-40°F to 185°F	-40°F to 257°F	Welded Pressure Capsule	62139-374
One Series	P20	62139-383	4800	-40°F to 185°F	-40°F to 257°F	Welded Pressure Capsule	62139-374
One Series	K10	62139-385	500	-40°F to 185°F	-40°F to 257°F	Welded Pressure Capsule	62139-384
One Series	K11	62139-386	500	-40°F to 185°F	-40°F to 257°F	Welded Pressure Capsule	62139-384
One Series	K12	62139-387	1500	-40°F to 185°F	-40°F to 257°F	Welded Pressure Capsule	62139-384
One Series	K13	62139-388	1500	-40°F to 185°F	-40°F to 257°F	Welded Pressure Capsule	62139-384
TX 200	03	6232-396, -409, -442, -443, -444, -445, -446, -451, -452, -453, -454, -456, -457	15	-40°F to 185°F	-40°F to 257°F	Welded Pressure Capsule	62139-107, 62206-166, 62200-3, M-13912
TX 200	04	6232-396, -409, -442, -443, -444, -445, -446, -451, -452, -453, -454, -456, -457	30	-40°F to 185°F	-40°F to 257°F	Welded Pressure Capsule	62139-107, 62206-166, 62200-3, M-13912
TX 200	05	6232-396, -409, -442, -443, -444, -445, -446, -451, -452, -453, -454, -456, -457	50	-40°F to 185°F	-40°F to 257°F	Welded Pressure Capsule	62139-107, 62206-166, 62200-3, M-13912
TX 200	06	6232-396, -409, -442, -443, -444, -445, -446, -451, -452, -453, -454, -456, -457	100	-40°F to 185°F	-40°F to 257°F	Welded Pressure Capsule	62139-107, 62206-166, 62200-3, M-13912
TX 200	07	6232-396, -409, -442, -443, -444, -445, -446, -451, -452, -453, -454, -456, -457	250	-40°F to 185°F	-40°F to 257°F	Welded Pressure Capsule	62139-107, 62206-166, 62200-3, M-13912
TX 200	08	6232-396, -409, -442, -443, -444, -445, -446, -451, -452, -453, -454, -456, -457	500	-40°F to 185°F	-40°F to 257°F	Welded Pressure Capsule	62139-107, 62206-166, 62200-3, M-13912
TX 200	09	6232-396, -409, -442, -443, -444, -445, -446, -451, -452, -453, -454, -456, -457	1000	-40°F to 185°F	-40°F to 257°F	Welded Diaphragm Strain Gauge	62139-107, 62206-166, 62200-3, M-13912
TX 200	10	6232-396, -409, -442, -443, -444, -445, -446, -451, -452, -453, -454, -456, -457	2500	-40°F to 185°F	-40°F to 257°F	Welded Diaphragm Strain Gauge	62139-107, 62206-166, 62200-3, M-13912
TX 200	11	6232-396, -409, -442, -443, -444, -445, -446, -451, -452, -453, -454, -456, -457	5000	-40°F to 185°F	-40°F to 257°F	Welded Diaphragm Strain Gauge	62139-107, 62206-166, 62200-3, M-13912
TX 200	12	6232-396, -409, -442, -443, -444, -445, -446, -451, -452, -453, -454, -456, -457	7500	-40°F to 185°F	-40°F to 257°F	Welded Diaphragm Strain Gauge	62139-107, 62206-166, 62200-3, M-13912
TX 200	13	6232-409, -443, -444, -445, -446, -451, -452, -453, -454, -456, -457	10000	-40°F to 185°F	-40°F to 257°F	Welded Diaphragm Strain Gauge	62139-107, 62206-166, 62200-3, M-13912
TX 200	13	6232-396	9500	-40°F to 185°F	-40°F to 257°F	Welded Diaphragm Strain Gauge	62139-107, 62206-166, 62200-3, M-13912
TX 200	13	6232-442	8500	-40°F to 185°F	-40°F to 257°F	Welded Diaphragm Strain Gauge	62139-107, 62206-166, 62200-3, M-13912
TX 200	14	6232-409, -443, -445	15000	-40°F to 185°F	-40°F to 257°F	Welded Diaphragm Strain Gauge	62139-107, 62206-166, 62200-3, M-13912
TX 200	14	6232-442	8500	-40°F to 185°F	-40°F to 257°F	Welded Diaphragm Strain Gauge	62139-107, 62206-166, 62200-3, M-13912
TX 200	14	6232-453	14000	-40°F to 185°F	-40°F to 257°F	Welded Diaphragm Strain Gauge	62139-107, 62206-166, 62200-3, M-13912
TX 200	14	6232-457	14800	-40°F to 185°F	-40°F to 257°F	Welded Diaphragm Strain Gauge	62139-107, 62206-166, 62200-3, M-13912
TX 200	14	6232-455	13500	-40°F to 185°F	-40°F to 257°F	Welded Diaphragm Strain Gauge	62139-107, 62206-166, 62200-3, M-13912
TX 200	14	6232-456	13000	-40°F to 185°F	-40°F to 257°F	Welded Diaphragm Strain Gauge	62139-107, 62206-166, 62200-3, M-13912
TX 200	17	6232-396, -409, -442, -443, -444, -445, -446, -451, -452, -453, -454, -456, -457	1500	-40°F to 185°F	-40°F to 257°F	Welded Diaphragm Strain Gauge	62139-107, 62206-166, 62200-3, M-13912
TX 200	18	6232-396, -409, -442, -443, -444, -445, -446, -451, -452, -453, -454, -456, -457	3000	-40°F to 185°F	-40°F to 257°F	Welded Diaphragm Strain Gauge	62139-107, 62206-166, 62200-3, M-13912
TX 200	19	6232-396, -409, -442, -443, -444, -445, -446, -451, -452, -453, -454, -456, -457	3000	-40°F to 185°F	-40°F to 257°F	Welded Diaphragm Strain Gauge	62139-107, 62206-166, 62200-3, M-13912
TX 200	20	6232-396, -409, -442, -443, -444, -445, -446, -451, -452, -453, -454, -456, -457	6000	-40°F to 185°F	-40°F to 257°F	Welded Diaphragm Strain Gauge	62139-107, 62206-166, 62200-3, M-13912



CANADIAN STANDARDS ASSOCIATION

M J S I

ATTACHMENT TO

CRN **CSA-OF12361.26**

SIGNED *Bikramjit Samal*

178 Rexdale Boulevard, Toronto, ON Canada M9W 1R3



345 Carlingview Drive
Toronto, Ontario
CANADA M9W 6N9
Tel.: 416.734.3300
Fax.: 416.231.1626
Toll Free: 1.877.682.8772
www.tssa.org

June 19, 2018

SCOTT KAYHART
UNITED ELECTRIC CONTROLS
180 DEXTER AVE
WATERTOWN MA 02472
US

Service Request Type.: BPV-National CSA
Service Request No.: 2230800
Your Reference No.:
Registered to.: UNITED ELECTRIC CONTROLS

Dear SCOTT KAYHART,

Please find enclosed the original response from qc, sk registered under the CRN No.:
CSA-0F16515.56ADD1.

As all jurisdictional fees are handled by the Technical Standards and Safety Authority (TSSA), you do not pay any jurisdictions directly.

Should you have any questions or require further assistance, I will be happy to assist you.
For general enquiries, please contact a Customer Service Advisor at 1.877.682.TSSA (8772) or e-mail customerservices@tssa.org. When contacting TSSA regarding this file, please refer to the Service Request number provided above.

Yours truly,

Joanna Karpinski

Tel: 416-734-3377
Fax: 416-231-6183
Email: jkarpinski@tssa.org




Statutory Declaration Registration of Fittings

(a) Design Qualification

I¹ Scott Kayhart, Certification Engineer
(Position eg, president, plant manager, chief eng.)

Of United Electric Controls
(name of company)

Located at 180 Dexter Avenue, Watertown, MA 02472 USA
(plant address)

REGISTERED 

CRN: CSA-OF16515.56 ADD1

Registration Process administered by
CSA Group per CSA B51

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:
- 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 ISO 9001:2015, and has been verified by the following authority or authorized agency DNV GL- Business Assurance

The fittings² covered by this declaration, for which I seek registration, are category F type fittings

In support of the application, the following information, calculations and/or test data are attached:
 Drawings: Refer to PVEscp-6706.1 Calculations: PVEclc-6706-0.0 Burst Report: 13010913

Declared before me at Watertown
 In the of State of Massachusetts
 The 28th Day of December AD 192017
Teresa C. Pollman Teresa C. Pollman Scott Kayhart
A (commissioner for oaths) Signature of Declarer³

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

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. **Expiry date: DEC. 12. 2023**

Registered Number CRN CSA-OF16515.56ADD1 For the Chief Inspector A. BANWATT
 Date _____ **APRIL. 09. 2018**

- 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.**





345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel.: 416.734.3300
Fax: 416.231.1626
Toll Free: 1.877.682.8772

www.tssa.org

January 24, 2018

SCOTT KAYHART
UNITED ELECTRIC CONTROLS
180 DEXTER AVE
WATERTOWN MA 02472
US

Service Request Type: BPV-Fitting Registration
Service Request No.: 2223454
Your Reference No.:
Registered to: UNITED ELECTRIC CONTROLS

Dear SCOTT KAYHART,

Technical Standards and Safety Authority (TSSA) is pleased to inform you that your submission has been reviewed and registered as follows:

CRN No.: 0F16515.5ADD1

Main Design No.: ADD1: Update the CRN to correct PVE scope document.
Expiry Date: 12-Dec-2023

Please be advised that a valid quality control system must be maintained for the fitting registration to remain valid until the expiry date.

NOTE: Refer to the attachment to the Statutory Declaration Form for the scope of registration

The stamped copy of the approved registration and the invoice are mailed separately. Should you have any questions or require further assistance, please contact a Customer Service Advisor at 1.877.682.TSSA (8772) or e-mail customerservices@tssa.org. We will be happy to assist you. When contacting TSSA regarding this file, please refer to the Service Request number provided above.

Yours truly,


Mark Valcic
Engineer Specialist BPV
Tel. : 416-734-3494
Fax : 416-231-6183
Email : mvalcic@tssa.org





File Name: PVEscp-6706.1
Document Name: Scope of Work
PVE Project: PVE-6706
Revision: 1
PVE Contact: Patrick Fernandes
United Electric Contact: Eric Moitoso

05-Dec-17

Registration Information				Burst Test Results				CRN Info			
Burst Sample No.	Burst Test Series-Model	Applicable Models	Drawing No.	Dwg Rev.	Compatible Series Numbers	Materials	Max Temp (°F)	Min Temp (°F)	Code of Construction	Category	CRN
13010913-1	10-D16	13-16	13988	A	10						
13010913-2	12SHSNP4-M525	P4, P9	13994	A	12						
13010913-3	10-F12	10-12	14001	A	10						
13010913-4	J6-160	126-164	13996	A	6, 21, 54, 120, 120K, 400, 400K						
13010913-5	J6-680	680	13999	A	6, 100, 120						
13010913-6	J6-614	610 - 616	13987	A	6, 54, 100, 120, 400						
13010913-7	J6-274	254, 258-274	13984	A	6, 21, 40, 100, 120, 400						
13010913-8	H100-174	171-174	14000	A	100, 117, 120						
13010913-9	H117-706	700-706, 36-39	13990	A	100, 117, 120						
13010913-10	H100-376	354-376	13985	A	400		200	-20	ASME B31.3 2012 ED.	F	
13010913-11	H100-189	188-189, 488-489	13989	A	100, 117, 120						
13010913-12	TX200B14S1P	13, 14	13995	A	TX200						
13010913-13	J21K-232	232	13998	A	6, 21, 21K, 40, 100, 117						
13010913-14	H100-194	190-194, 490-494	13986	A	100, 117, 120						
13010913-15	J21K-S150B	S126B-S164B & 16021	13997	A	6, 21, 21K, 54, 120, 400						
13010913-16	J400-555	550-555, 570-572	13991	A	120, 400						
13010913-17	H100K-548	544-548	13993	A	100K, 117K, 120K, 400K						
13010913-18	H117-186	183-186, 483-486	14002	A	100, 117, 120						
13010913-19	J400K-457	455-457, 559	14004	A	120K, 400K						
13010913-20	H100K-543	540-543	13992	A	100K, 117K, 120K, 400K						
13010913-21	J120-454	440-454	14003	A	120, 400						

THIS IS PART OF
CRN OF 16575.5ADD1
 Technical Standards & Safety Authority
 Boilers & Pressure Vessels
 Safety Program

ATTACHMENT TO
 CRN CSA-0F.6706.1.56ADD1
 Signed: *Patrick Fernandes*
 178 Riverside Boulevard, Toronto, ON Canada M5W 1R3



Valid Jan 24/18

Dear Customer,

January 31, 2014

Postal

180 Dexter Avenue
PO Box 9143
Watertown, MA
02472-9143
USA

Shipping

180 Dexter Avenue
Watertown, MA
02472-4200
USA

FAX

617-926-2568

Telephone

617-926-1000

Web Address

www.ueonline.com

This letter is to inform you that the following models have been de-rated to meet Canadian design specifications for CRN registration. The remaining models published values meet Canadian design specifications.

Model Number	Canadian Maximum Design Pressure (psi)
P4, P9	10,100
160	160
189, 489	2,600
13, 14	9,800
194, 494	1,400
S147B, S150B, 16021	40
455 - 457, 559	125

Best regards,
Eric Moitoso

Certification Engineer

