

ASHCROFT INC
250 MAIN STREET E
STRATFORD CT 6614
USA

Date: May 3, 2019
Account #: 59005
Journal #: 73133

Attn: TYLER BESSETTE

Re: Application for Design Registration

The design, as detailed in your, 0F2462 renewal correction, for a Fitting is accepted for registration as follows:

Registered To: ASHCROFT INC

CRN: 0F2462.51

Drawing #: Scope of Registration

Drawing Revision: N/A

This design was registered based on a technical review performed by the province of initial registration in accordance with the Association of Chief Inspectors policy on reciprocal recognition of design review.

Reviewer's Notes:

As required by CSA B51 4.2.1, this registration expires on 12-Jul-2028. This CRN is valid until the expiry date as long as the Manufacturer maintains a valid quality control program verified by an acceptable third-party agency until that date. Should the certification of the quality control program lapse before the expiry date, this registration shall become void. Any additional conditions of registration stated in TSSA CRN# 0F2462.5ADD7 registration shall apply to BC registration.

Contact me if you have any questions. The invoice for registration will be forwarded under separate cover.

Janina Mihailescu

janina.mihailescu@technicalsaftybc.ca
Design Administration

cc:



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 31, 2019

TYLER BESSETTE
ASHCROFT INC.
250 E MAIN STREET
STRATFORD CT 06614
US

Service Request Type: BPV-Fitting Registration
Service Request No.: 2438574
Your Reference No.: CRN# 0F2462.5 ADD6 update
Registered to: ASHCROFT INC.

Dear TYLER BESSETTE,

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

CRN No.: 0F2462.5ADD7
Main Design No.: DOCUMENT: PRP01-PS-BLG REV. 0, DCR01-PS REV. 0
Expiry Date: 12-Jul-2028

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

Note:
ADD7: To add B-Series, L-Series, G-series and P-Series Pressure Switch Family only per updated Scope of Registration, SOR-TD-003.

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,

Norman Ngai

Norman Ngai, P. Eng.
Mechanical Engineer
Boilers and Pressure Vessels
Safety Program
Tel. : 416-734-3557
Fax : 416-231-6183
Email : nngai@tssa.org
www.tssa.org



Technical Standards and Safety Authority
 345 Carlingview Drive
 Toronto, Ontario M9W 6N9
 www.tssa.org



STATUTORY DECLARATION Registration of Fittings

I, Philip Reed Quality Assurance Manager
(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of Ashcroft, Inc
(Name of Manufacturer)

Located at 250 Main Street, Stratford, CT, USA 203-385-0318 203-385-0662
(Plant Address) (Telephone No.) (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 ASME B31.3
(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 _____ 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 9001:2008 which has been verified by the following authority, Lloyd's Register Quality Assurance

The items covered by this declaration, for which I seek registration, are category Category F type fittings. In support of this application, the following information and/or test data are attached as follows:
PRP04-TD, Rev 0; SOR-TD-003; labels per Ashcroft drawing 182B227.
(drawings, calculations, test reports, etc.)

Declared before me at Stratford in the state of Connecticut
 the 5 day of November ¹⁸ AD 2019

JEANETTE BEDNARZ
 NOTARY PUBLIC
 State of Connecticut
 My Commission Expires July 31, 2019

Commissioner for Oaths:
Jeanette Bednarz
(Printed name)
Jeanette Bednarz
(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: OF 2462.5 ADD7
 Registered by: NORMAN NGAI
 Dated: JAN. 31, 2019.

Technical Standards and Safety Authority **Boilers and Pressure Vessels Safety Program**

REGISTERED

CRN: OF 2462.5 ADD7

Signed: Norman Ngai

Date: JAN. 31, 2019.

NOTE: This registration expires on: JULY 12, 2028.

NOTE: - PLEASE SEE ATTACHED PAGES FOR SCOPE OF REGISTRATION
 - ADD7: TO ADD B-SERIES, L-SERIES, G-SERIES AND P-SERIES PRESSURE SWITCH FAMILY ONLY PER UPDATED SCOPE OF REGISTRATION, SOR-TD-003.
 N.N. DEC 27, 2019. JAN. 31, 2019. N.N.



Updated Scope of Registration: SOR-TD-003. Code of Construction ASME B31.3

Ashcroft Catalogues	Catalogue Part Number (*X = ANY) (*# = psi)	Design Pressure @ ambient Temperature (psi)	Design Temp. (°F)	Sensor Material	Process Connection Material
Model T2 Pressure Transducer	T2-7-MXX-XX-(30#-500#)-G-XXX	500			
	T2-7-MXX-XX-(750#-3000#)-G-XXX	3000			
Model G2 Pressure Transducer	T2-7-MXX-XX-(5000#-7500#)-G-XXX	7500	257	17-4 PH, UNS S17400, SA-564, type 630	304, UNS S30400, SA-240, SA-182, SA-479
	G2-7-MXX-XX-XX-(30#-500#)-G-XXX	500			
	G2-7-MXX-XX-XX-(750#-3000#)-G-XXX	3000			
	G2-7-MXX-XX-XX-(5000#-7500#)-G-XXX	7500			
Model G51 Rangeable Pressure Transmitter	GC51-7-XXX-XX-XX-(750#-3000#)-XXX	500	140		
	GC51-7-XXX-XX-XX-(750#-3000#)-XXX	3000			
	GC51-7-XXX-XX-XX-(5000#-7500#)-XXX	7500			
Model GC55 Wet/Wet Differential Pressure Transducer	GC55-7-XXX-XX-XX-(75#-300#)-XXX	500	122		
Model K1 Pressure Transducer	K1-X-XXX-XX-XX-(15#-300#)-XXX	300			
	K1-X-XXX-XX-XX-(301#-3000#)-XXX	3000			
Model K2 Pressure Transducer	K1-X-XXX-XX-XX-(3001#-5000#)-XXX	5000	180		
	K2-X-XXX-XX-XX-(15#-300#)-XXX	300			
	K2-X-XXX-XX-XX-(301#-3000#)-XXX	3000			
	K2-X-XXX-XX-XX-(3001#-5000#)-XXX	5000			
Model K8 Pressure Transducer	K8-X-XXX-INV-XX-(15# - 5000#)	15 to 5000	180	17-4 PH, UNS S17400, SA-564, type 630 or 316L, UNS S31603, SA-182, SA-240, SA-479	316L, UNS S31603, SA-182, SA-240, SA-479
	45-2XXX-SD-02L-15#-300#	300			
Types 2074, 2172 & 2274 Digital Industrial Gauge	45-2XXX-SD-02L-500#-3000#	3000			
	45-2XXX-SD-02L-3001#-5000#	5000			
Type D1005PS General Purpose Digital Gauge	25-D1005-02L-15#-300#	300	140		
	25-D1005-02L-301#-3000#	3000			
N-Series Electronic Pressure Switch	25-D1005-02L-5000#	5000			
	NPX-NX-X-X-S0X-XEA-15#-300#	300	180		
Model A2 Heavy Industrial Pressure Transmitter	NPX-NX-X-X-S0X-XEA-500#-3000#	3000			
	NPX-NX-X-X-S0X-XEA-5000#	5000			
Model A2X Explosion/Flame Proof Pressure Transmitter	A2-X-X-XXX-XX-XX-(15#-300#)-X-XXX (piezo-resistive)	300	257	316L, UNS S31603, SA-182, SA-240, SA-479	316L, UNS S31603, SA-182, SA-240, SA-479
	A2-X-X-XXX-XX-XX-(15#-1000#)-X-XXX	1000			
	A2-X-X-XXX-XX-XX-(15#-10000#)-X-XXX	10000			
	A2-X-X-XXX-XX-XX-(5000#-10000#)-X-XXX	10000			
	A2-X-X-XXX-XX-XX-(15#-300#)-X-XXX (piezo-resistive)	300			
	A2X-X-X-XXX-XX-XX-(15#-10000#)-X-XXX	1000			
	A2X-X-X-XXX-XX-XX-(5000#-10000#)-X-XXX (piezo-resistive)	10000			
	A4-X-X-XXX-XX-XX-(15#-300#)-X-XXX (piezo-resistive)	300			
	A4-X-X-XXX-XX-XX-(15#-1000#)-X-XXX	1000			
	A4-X-X-XXX-XX-XX-(15#-10000#)-X-XXX	10000			
Model A4 Intrinsically Safe and Non-Incandive Pressure Transmitter	A4-X-X-XXX-XX-XX-(5000#-10000#)-X-XXX	10000	257	17-4 PH, UNS S17400, SA-564, type 630, SA-479 Incoloy, A 638, S66286	316L, UNS S31603, SA-564, SA-479 Incoloy, A 638, S66286
	A4-X-X-XXX-XX-XX-(5000#-10000#)-X-XXX	10000			

PART OF
F 2462.5 ADD 7

Technical Standards & Safety Authority
Instruments & Pressure Vessel
Safety N.N.

REC-31-2019
JAN. 31. 2019 N.N.



Updated Scope of Registration: SOR-TD-003. Code of Construction ASME B31.3

Ashcroft Catalogues	Catalogue Part Number ("X" = ANY) ("#" = psi)	Design Pressure @ ambient Temperature (psig)	Design Temp. (°F)	Sensor Material	Process Connection Material
Types 2089, 2086 & 2084 Precision Digital Test Gauge	30-20XX-SD-02L-(15#-100#)	100	150	316L, UNS S31603, SA-182, SA-240, SA-479	316L, UNS S31603, SA-182, SA-240, SA-479
	30-20XX-SD-02L-(160#-500#)	500			
	30-20XX-SD-02L-(600#-3000#)	3000			
	DX-X-X-X-X-X-X-X-(15#-300#)-X (piezo-resistive)	300	160		
Digital Gauge Family DG25, DN30, DN45, DT30, DH30	DX-X-X-X-X-X-X-X-(15#-1000#)-X	1000	160	316L, UNS S31603, SA-182, SA-240, SA-479	
	DX-X-X-X-X-X-X-X-(15#-25000#)-X	25000	160	17-4 PH, UNS S17400, SA-564, type 630	
	DX-X-X-X-X-X-X-X-(5000#-10000#)-X	10000	160	Incoloy, A 638, S66286	
B-Series, Pressure Switch Family	BX-XX-X-XXX-(30#-3000#) DX-XX-X-XXX-(30#-3000#)	3000	300	Buna N, Viton, Monel, 316, 316L, Monel	A182 F316L, A240 316L, A240, 304, B564 N06022, B575 N06022, B564 N10276, B575 N10276
	L-Series, G-Series, Pressure Switch Family	GXX-NX-XX-X-XX-XXX-(30#-3000#) LXX-NX-XX-X-XX-XXX-(30#-3000#)	3000	300	Buna N, Viton, Monel, 316, 316L, Monel
P-Series, Pressure Switch Family		PXX-NX-XX-X-XX-XXX-(30#-3000#)	3000	Buna N, Viton, Monel, 316, 316L, Monel	

Notes:

- [1] Consult with manufacturer before use and for most up-to-date information. See catalogue for process connection sizes.
- [2] MDMT: S30400 & S31603 is -40 °F; S17400 & A564 Type 630 is 0°F

Approved by: Philip A. Reed Signature: *Philip A. Reed* Date Signed: 1/30/19

THIS IS PART OF
CRN OF 24 62.5 APP 7
Technical Standards & Safety Audit
Boilers & Pressure Vessels
Safety N.Y.

NOTE:- ADD] = TO ADD B-SERIES, L-SERIES, G-SERIES AND
P-SERIES PRESSURE SWITCH FAMILY ONLY.

~~DEC-31-2019~~
JAN. 31. 2019.
N.Y.

N.Y. ~~DEC-31-2019~~
JAN. 31. 2019.
N.Y.