

December 29, 2014

Attention: Jeremy M. Payne
ASHCROFT INC
250 EAST MAIN STREET
STRATFORD, CT 06614

The design submission, tracking number 2014-10276, originally received on December 08, 2014 was surveyed and accepted for registration as follows:

CRN : 0D01233.92

Accepted on: December 29, 2014

Reg Type: New Design

Expiry Date: November 07, 2024

Drawing No. : ASHCROFT BULLETIN DS-1115 As Noted

Fitting type: TYPE 1115A & 1115P LINE ASSEMBLIES

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

*** This registration has been issued:*

- 1. Based on the review from the province of PEI*
- 2. Based on the Association of Chief Inspectors Policy on Reciprocal Recognition of Design Review for Fitting Design Registration*

*** Refer to SR-1115 Rev 0 for scope of registration*

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 form. This registration is valid only 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 the quality management system lapse before the expiry date indicated above, this registration shall become void.

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

Enclosed are stamped prints for your reference.

Sincerely,



DICK, ASHLING, P. Eng.



the pressure equipment safety authority

STATUTORY DECLARATION
Registration of Fittings



I, Philip Reed

Quality Assurance Manager

(company title, e.g. vice president, plant manager, chief engineer) (must be in a position of authority)

of Ashcroft, Inc.
(name of manufacturer)

located at 250 Main Street, Stratford, Connecticut 06614, USA
(plant address)

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

comply with the requirements of ASME B31.3, ANSI 82.03 which specifies the dimensions,
(title of recognized North American Standard)

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 _____ 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 manufacture of these fittings is controlled by a quality control program which has been verified by the following authority, Lloyd's Register Quality Assurance as being suitable for the manufacture of these fittings to the stated standard. The fittings covered by this declaration, for which I seek registration, are D

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

Type 1115A & 1115P Line Assemblies per Ashcroft bulletin DS-1115; scope of registration SR-1115-Rev0

DECLARED before me at Stratford in the State of Connecticut
this 10th day of October, 2014
(Month) (Year)
(print) Irene Ferrigno IRENE FERRIGNO (Signature of Applicant)
(sign) Irene Ferrigno NOTARY PUBLIC
State of Connecticut
My Commission Expires
November 30, 2017
(A Commissioner for Oaths)

For Office Use Only

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

Registration Number: 0 D 0 1 2 3 3 9 2

Date Registered: DEC 29 2014

T.M. (ASHLING) DICK
(For the Administrator/Chief Inspector of Alberta)
Expiry Date: Nov 7, 2024

0 D 0 1 2 3 3 . 9 2

DEC 29 2014

Scope of Registration Summary – Type 1155 Line Assemblies

Differential Pressure Gauge Type	Process Connection Sizes (in) ASME B1.20.1	Maximum Pressure @ ambient (psi)	Maximum Pressure @ 750 °F	Temperature range (°F)	Material
1115A	¼ MNPT, ½ MNPT	4,295 psi [1] 9,000 psi [2]	2,465 psi [1] 9,000 psi [2]	-300 to 750	A312 TP304
1115P	¼ FNPT, ½ FNPT	5,455 psi [1] 10,000 psi [2]	3,135 psi [1] 10,000 psi [2]		

[1] Qualified per ASME B31.3 referenced ASME Section VIII, div. 1, UG-101.

[2] Qualified per ANSI/ISA 82.03–1988 (equivalently Annex G of CSA C22.2 No. 61010-1, Sections G.2.3 (a) & (b), and Table G.1)

[3] See Ashcroft bulletin DS-1115 for product specifications

[4] See PR-1115-Rev0 for witnessed proof test reports and calculations.

[5] FNPT refers to female NPT per ASME B1.20.1; MNPT refers to male NPT per ASME B1.20.1

I, the undersigned, hereby confirm that the above is accurate and true:

Approved by: JEREMY M. PAYNE

Signed: _____



Date Signed: 7 OCTOBER 2014

Type 1115A/1115P Line Assemblies



Type 1115A



Type 1115P

When a gauge is installed on a process line containing hot liquid or gas, one solution to protect the gauge from damage and/or accuracy degradation from elevated temperature is to simply include an extra five feet of capillary (to 750°F process) between the process media and the gauge. The slow rate of heat transfer through the added capillary and dead-ended process fluid will generally protect the gauge from damage and/or accuracy degradation.

Ashcroft® line assemblies are offered in a wide variety of configurations to suit all of your applications. Our standard assembly is in an all welded design of 300 series stainless components. The capillary is 304 stainless steel, with an O.D. of .125 x .062 I.D. A spiral wound armor shields the assembly. ¼" or ½" male or female connections are available. Other connections available upon request. PVC jacketed line assemblies are also available.

Features:

- All welded construction
- Type 1115A is our standard stainless steel armored capillary
- Type 1115P stainless steel armored capillary, with the addition of PVC sheathing for maximum corrosion resistance
- The assemblies have standard line lengths of 5 feet with increments of 5 feet
- Line lengths in one foot increments are available with one foot being the minimum allowed, 100 being the maximum
- Maximum working pressure is 10,000 psi
- Temperature limits -300°F up to 750°F

ASCA

SAFETY CODES ACT - PROVINCE OF ALBERTA
 REGISTRATION OF FITTINGS

REGISTRATION NO. **0 D 0 1 2 3 3 9 2**

DWG. NO. or CAT. NO. *Ashcroft Bulletin DS-1115*

TYPE OF FITTINGS *1115A & 1115P Line Assemblies*

DEC 29 2014

INITIALS *TMD*

Date T. M. (ASHLING) DICK, PENG.
 DESIGN SURVEY ENGINEER

ORDERING INFORMATION

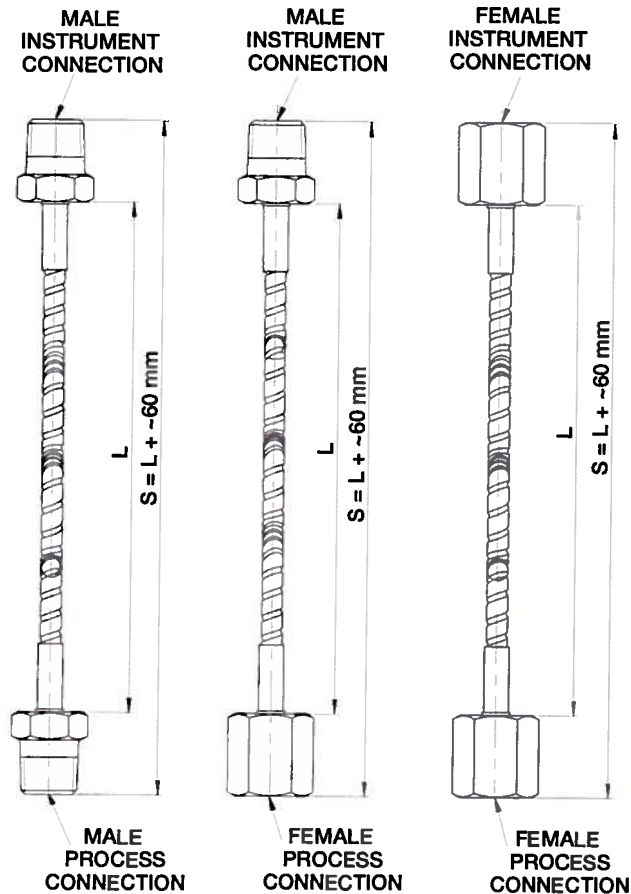
1	2	3	4
04	1115A	04	005
Process Connection	Type	Instrument Connection	Length In Increments of Feet
(02) ½ NPT Male (04) ½ NPT Male (25) ½ NPT Female (50) ½ NPT Female	(1115A) Standard armored capillary (1115P) Armored capillary w/PVC sheathing	(02) ½ NPT Male (04) ½ NPT Male (25) ½ NPT Female (50) ½ NPT Female	1' (001) 5' (005) 25' (025) 100' (100)

See Acceptance Letter for the comments and/or conditions of registration.

Type 1115A/1115P Line Assemblies

0 D 0 1 2 3 3 9 2
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CONNECTION STYLES



Note:

When attaching capillaries to an instrument or seal, the connection size must match.

- For gauges, transducers and inH₂O switches the capillary instrument connection must be female.
- For switches, the capillary instrument connection must be male.
- For seals, the capillary process connection must be male.