

November 26, 2025

Attention: Scott Islip
ROUND ENGINEERING INC
10 SEGWUN ROAD
WATERDOWN, ON L8B 0K6

The design submission, Tracking Number 2025-06798, Web Portal Number 2025-S5505, originally received on October 21, 2025 was surveyed and accepted for registration as follows:

CRN : 0H25747.2 **Accepted on:** November 26, 2025

Reg Type: NEW DESIGN **Expiry Date:** November 26, 2035

Document No. Drawing 000-A-09293-C Rev B As Noted

Fitting type: 1"x2.5" VJP HOSE ASSEMBLY

Design registered in the name of : ACME CRYOGENICS INC

Description	MAWP	Design Temperature	MDMT
Internal Pressure	1310kPa	66 °C	-254 °C

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

- Registration is given based on the understanding that the pressure-temperature rating of all fittings used in this assembly must satisfy the assembly's design condition and have a valid Alberta CRN.

As indicated on the AB-41 Statutory Declaration 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 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 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.

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

If you have any questions don't hesitate to contact me by phone at (587) 943-8741 or fax (403) 291-4545 or e-mail Zhangli@absa.ca.

Sincerely,



ZHANG, LILI, P. Eng.
DOP Cert. No. D00010626

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

I, David M. Rakos, Chief Engineer
(name of applicant) (position title) (must be in a position of authority)
of Acme Cryogenics, Inc.
(name of manufacturer)
located at 2801 Mitchell Avenue, Allentown, PA, 18103, USA
(plant address)

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



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

- ☐ comply with the requirements of _____ 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 ASME B31.3, ~~ASME B31.12~~ → deleted -LZ as supported by the
(title of code of construction or other applicable document)
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.	Cryogenic Hose Assembly	CSA B51	Category C,D, E,H	2030-05-01	TUV Rheinland	Allentown, PA
2.						

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

Drawing 001-A-09293, Rev. A, Scope of Registration, Reports

[Signature]
(Signature of the Declarer) _____ (Date) _____

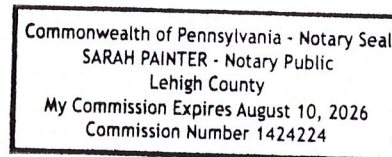
DECLARED before me at Allentown in the State of Pennsylvania
(city) (province, territory, or state)

this 26 day of July, 2024
(Month) (Year)

(print) Sarah Painter
(a Commissioner of Oaths or Notary Public)

(sign) [Signature]
(a Commissioner of Oaths or Notary Public)

08/10/26
(expiry date (mm/dd/yy))



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

For ABSA Office Use Only:

NOTES: The design is reviewed per B31.3 ed 2024.

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 H.

CRN: _____

Registered Date: _____

Expiry Date: 2035-11-26

Signature: _____
(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

2025-06798

ABSA

SAFETY CODES ACT - PROVINCE OF ALBERTA

ACCEPTED: 0H25747.2

See acceptance letter for conditions of registration.

Date: 2025-11-26 By: [Signature]

LILI ZHANG, P. Eng.
DOP: D00010626

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.

DWG. NO. 001-A-09293-C

NOTES: (UNLESS OTHERWISE SPECIFIED)

1. BASE METAL AND WELD METAL DEPOSITS SHALL BE IMPACT TESTED IN ACCORDANCE WITH ASME B31.3, PARA. 323.2.2

2025-06798