

May 27, 2026

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

The design submission, Tracking Number 2026-02442, Web Portal Number 2026-S2032, originally received on April 22, 2026 was surveyed and accepted for registration as follows:

**CRN :** 0H26341.2 **Accepted on:** May 27, 2026  
**Reg Type:** NEW DESIGN **Expiry Date:** May 27, 2036  
**Document No.** 008-A-09156-C Rev B  
**Fitting type:** HOSE 1" X 16' ASSEMBLY

Design registered in the name of : ACME CRYOGENICS INC

Description	MAWP	Design Temperature	MDMT
Internal Pressure	1207kPa	65 °C	-254 °C

**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.*

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) 686-9390 or fax (780) 437-7787 or e-mail [Robb@absa.ca](mailto:Robb@absa.ca).

Sincerely,



ROBB, BENJAMIN  
DOP Cert. No. D00011535

**Figure D.6**

**Declaration of Conformity form for application for registration of fittings in Canada**  
(See Clauses [5.4.2](#) and [D.1.](#))

(Show facsimile of logo or trademark, as it will appear on the fitting as evidence of certification)



**DECLARATION OF CONFORMITY  
REGISTRATION OF FITTINGS  
DÉCLARATION DE CONFORMITÉ  
ENREGISTREMENT D'ACCESSOIRES**

<b>Declaration No:</b> Unique Identifier assigned by manufacturer	<b>E250034-1</b>	<b>Revision:</b>	<b>1</b>
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<b>Manufacturer</b>	(Name and Address) <b>Acme Cryogenics, Inc., 2801 Mitchell Avenue, Allentown, PA, 18103, USA</b>
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**\*Table 1 Scope of Fitting Designs**

Item No.	Type / Model / Size	Product Description	Material of Construction	MDMT	Rated Pressure		References: Catalog (pages) or Drawing(s) (revision level included)
					At Ambient Temperature	At Maximum Temperature	
1	150-A-01956-C	Hose 1" x 16'	SA-312 TP 304/304L	-425F	175 PSIG	175 PSIG at 149F	DWG 000-A-09156-C, Rev.B
			SA-403 WP 304/304L			at	
			SA-182 F 304/304L			at	
						at	
						at	

**\*\*Table 2 Codes, Standards, Guidelines, and Other Applicable Documents**

Item No.	Title of Code(s), Standard(s), Guideline(s), or Other Applicable Document(s)	Edition / Revision	Item No.	Title of Code(s), Standard(s), Guideline(s), or Other Applicable Document(s)	Edition / Revision
1	ASME B31.3	2024	4		
2			5		
3			6		

**\*\*\*Table 3 Quality Program Verification and Manufacturing Sites**

Item No.	Location(s) Plant Name and Address / Site(s)	Quality Program Certificate Number	Expiry Date	Verifying Organization
1	2801 Mitchell Ave., Allentown, PA 18103, USA	N/A	05/01/2030	TUV Rheinland
	5222 Ball Ground Hwy., Ball Ground, GA, 30107, USA	QA-05984	04/25/2026	Technical Standards and Safety Authority

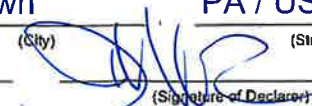
A copy of the Quality Certificate from each manufacturing site must be included.

As an official of the manufacturer with authority, and having responsibility for the conformity and regulatory compliance of the fittings, I hereby declare that the information and statements made in this declaration of conformity are true and accurate.

I declare, under our sole responsibility, that the design, construction, certification, and marking of the fitting(s) listed in Table 1\*, are subject to a conformity assessment process and quality program that has been verified, as described in Table 3\*\*\*.

I certify that the fittings (s) listed in Table 1\* conform to: the provisions of the acts and regulations of the provinces and territories where the fitting(s) are registered; CSA B51; and the codes, standards, guidelines, or other applicable documents listed in Table 2\*\*.

I further declare that there is a process in place for the retention of this declaration of conformity for not less than 10 years from the issuance of the Canadian Registration Number (CRN).

Signed for and on behalf of Acme Cryogenics, Inc., Allentown, PA / USA  
(Manufacturer) (City) (State / Province / Country)  
David M. Rakos, Chief Engineer  
(Name, please print) (Function or Title)  
  
(Signature of Declarer)  
5/12/2026  
(Date)

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PRODUCT DESCRIPTION	PART NO.	PRIMARY PRESSURE RETAINING COMPONENTS	ASME / ANSI DESIGN STANDARD	SIZE OR SIZE RANGE	DESIGN PRESSURE @ MAX TEMPERATURE	MDMT	ACTUAL WALL THICKNESS VS MIN REQUIRED	END CONNECTION & SIZE RANGE	ASME / ASTM MATERIAL SPECIFICATION	REF CALCULATION	DRAWING NO.
HOSE ASSEMBLY	150-A-09156-C	BAYONET; PIPE; REDUCER; COUPLING	ASME B31.3	NPS 1	175 PSIG @ 149°F	-425°F	Pipe: 0.109 / 0.012	A/F BAYONET (MALE) X 1" MNPT	SA-312 TP 304/304L SA-403 WP 304/304L SA-182 F 304/304L	006-E250034-1	000-A-09156-C

2026-02442

**ABSA**  
SAFETY CODES ACT - PROVINCE OF ALBERTA  
**ACCEPTED: 0H26341.2**  
See acceptance letter for conditions of registration.  
Date: 2026-05-27 By:   
BENJAMIN ROBB  
DOP: D00011535

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.



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**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

**ORIGINAL**

UNLESS OTHERWISE SPECIFIED INTERPRET PER ASME Y14.5-2009 1. THE FOLLOWING TOLERANCES APPLY: XXX: ±0.1" XXXX: ±.005" FRACTIONS: ± 1/32" ANGLES: ±0.5° 2. ALL DIMENSIONS ARE INCHES. 3. REMOVE ALL BURRS AND SHARP EDGES .015 MAX. 4. MACHINED SURFACE TO BE 125 MICR-INCHES OR BETTER. 5. DO NOT SCALE DRAWING.						DESIGN BY DMR	DATE 11/08/2025	Title: SCOPE OF CRN HOSE 1"X16' CONDITIONING	 PART OF OPW   a DOWDER company		
						DRAWN BY KPS	DATE 01/28/2026				
						CHECKED BY TJS	DATE 01/29/2026				
						APPROVED BY MRS	DATE 01/30/2026	P/N: 150-A-09156-C	DWG NO. 008-A-09156-C		
THIRD ANGLE PROJECTION 						THIS DRAWING AND THE INFORMATION OR DATA CONTAINED HEREIN ARE CONSIDERED PROPRIETARY TO ACME CRYOGENICS, INC. AND IS NOT TO BE COPIED, REPRODUCED, DUPLICATED OR DISCLOSED TO OTHER IN WHOLE OR IN PART WITHOUT THE PRIOR WRITTEN CONSENT OF ACME CRYOGENICS, INC. THE DRAWING SHOULD BE RETURNED AS SOON AS IT HAS SERVED THE PURPOSES FOR WHICH IT IS FURNISHED AND WHILE IN THE POSSESSION OF THE RECIPIENT SHOULD BE PROPERLY SAFEGUARDED AGAINST DISCLOSURE TO ANYONE EXCEPT EMPLOYEES WHO REQUIRE IT FOR WORK OR A JOB. THIS RESTRICTION SHALL NOT APPLY TO INFORMATION OR DATA CONTAINED HEREIN WHICH IS AVAILABLE TO THE PUBLIC GENERALLY.		SCALE: 1:2	Project No.: E250034	SHEET: SHEET 1 OF 1	REV. B

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