

November 20, 2025

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

The design submission, Tracking Number 2025-06804, Web Portal Number 2025-S5515, originally received on October 21, 2025 was surveyed and accepted for registration as follows:

CRN : 0H25726.2 **Accepted on:** November 20, 2025

Reg Type: NEW DESIGN **Expiry Date:** November 20, 2035

Document No. 001-413253 Rev E

Fitting type: Trycock Monitor

Design registered in the name of : ACME CRYOGENICS INC

Description	MAWP	Design Temperature	MDMT
Internal Pressure	2068kPa	66 °C	-29 °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.

Sincerely,



ROBB, BENJAMIN
DOP Cert. No. D00011535

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~~ 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.

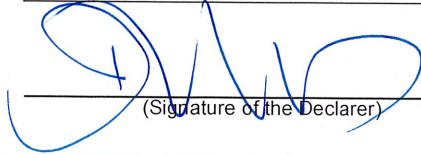
Quality Program Verification and Manufacturing Sites

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.	Trycock Monitor	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 001-413253, Rev. A, Scope of Registration, Reports


(Signature of the Declarer)

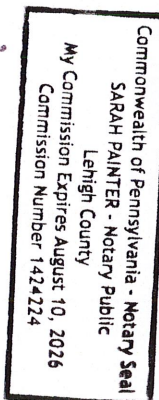
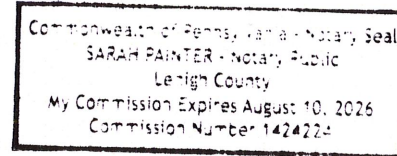
10/9/2025
(Date)

DECLARED before me at Allentown in the State of Pennsylvania
(city) (province, territory, or state)
this 9 day of October, 2025
(Month) (Year)

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

(sign) 
(a Commissioner of Oaths or Notary Public)

08/10/2026
(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: * ASME B31.3 - 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: 0H25726.2

Registered Date: November 20, 2025

Expiry Date: November 20, 2035

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

2025-06804

ABSA

SAFETY CODES ACT - PROVINCE OF ALBERTA

ACCEPTED: 0H25726.2

**See acceptance letter for
conditions of registration.**

Date: 2025-11-20

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.

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.
TRYCOCK MONITOR	277-413253-C	TUBE; FITTINGS	ASME B31.3	½" OD TUBE NPS ¼	300 PSIG @150 °F	-20 °F	Tube: 0.049 / 0.010 Fitting wall: .118 / .011 Fitting wall: .091 / .010 Fitting wall: .091 / .051 Fitting wall: .080 / .013	¼" FNPT	A269 TP 316/316L SA-182 F 316/316L SA-479 316/316L	E240027-5	000-413253


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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

E	SEE ECN 10772	11/19/25	DMR	TJS			
D	SEE ECN 10766	11/12/25	DMR	TJS			
C	SEE ECN 10762	10/30/25	DMR	SG			
REV.	DESCRIPTION		DATE	BY	APP'D.		
TITLE SCOPE OF REGISTRATION CRN TRYCOCK MONITOR REF: E240027-5		<div>ACME</div> <div>CRYOGENICS</div> <div>PART OF OPW a  company</div>					
					DWG. NO. 001-413253		
		SCALE	N/A	WEIGHT	N/A	SHEET	1 OF 1

<div>UNLESS OTHERWISE SPECIFIED</div> <div>1. THE FOLLOWING TOLERANCES APPLY: .XX: ± .01" .XXX: ± .005" FRACTIONS: ± 1/32" ANGLES: ± 0.5°</div> <div>2. ALL DIMENSIONS ARE IN INCHES.</div> <div>3. REMOVE ALL BURRS AND SHARP EDGES TO .015 MAX.</div> <div>4. MACHINED SURFACES TO BE 125 MICRO-INCHES OR BETTER.</div> <div>5. DO NOT SCALE DRAWING.</div>				<div>ORIGINAL</div>	
				DESIGN BY BL	DATE 07/02/2024
				DRWN BY DMR	DATE 08/27/2024
				CHECKED BY BL	DATE 09/09/2024
				APPROVED BY DMR	DATE 09/09/2024
	PRODUCT	NEXT ASS'Y	NO. REQ'D		