

9410 - 20 Ave N.W. Edmonton, Alberta, Canada T6N 0A4

Tel: (780) 437-9100 / Fax: (780) 437-7787

November 25, 2025

Attention: Scott Islip

ROUND ENGINEERING INC

10 SEGWUN ROAD

WATERDOWN, ON L8B 0K6

The design submission, Tracking Number 2025-06795, Web Portal Number 2025-S5475, originally received on October 21, 2025 was surveyed and accepted for registration as follows:

CRN: 0H25742.2 **Accepted on:** November 25, 2025

Reg Type: NEW DESIGN Expiry Date: November 25, 2035

Document No. 001-40-0525 Rev B

Fitting type: 1.5" FITTING ASSEMBLY

Design registered in the name of : ACME CRYOGENICS INC

DescriptionMAWPDesign TemperatureMDMTInternal Pressure4482kPa66 °C-269 °C

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

- This design is registered based on the understanding that the weld procedure has been impact test qualified to -452 F.
- 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) 686-9381 or fax (780) 437-7787 or e-mail Newton@absa.ca.

Sincerely,

NEWTON, STEPHAN, E.I.T. DOP Cert. No. D00011044

2025-06795 Page 1 of 1





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

ı, Davi	id M. Rakos		Chief Engineer		man	is space, show facsimile of ufacturer's logo or trademan will appear on the fitting.				
of Acm	(name of applicant) e Cryogenics, Inc.		(position title) (must b	e in a position of	authority)	CME				
-	3 0 /	(name	of manufacturer)			RYOGENICS				
located	at 2801 Mitchell Av			Ą	P	ART OF OPW 8 - DOVER COMPAN				
	mnly declare that the only one)		int address) hereunder, which a	are subject to t	he Safety Codes	Act				
	comply with the requi		title of recognized North	American Standa		es the dimensions,				
r	materials of construc	ction, pressure	e/temperature ratino	gs and identific	ation marking of	the fittings, or				
	are not covered by th		garanger Tillian sa 2006.		tandard and are t	herefore				
r	manufactured to com				as suppor	ted by the				
á	(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.									
6	and the basis for suc	h ratings, and	the identification m	narking of the f	ittings.					
I further	declare that the mar	oufacture of th	nese fittings is contr	olled by a qua	lity control progra	ım which has				
	erified as described in									
stated s	tandard, regulation,	code, guidelir	ne or other applicab	le document.	The fittings covere	ed by the				
	tion for which I seek									
		3			ary officer(e) and					
Quality	Program Verification	on and Manu	facturing Sites							
	of the Quality Certific		111.7	must he inclu	ıded					
лоору		ate from each	Triandiacturing site	Thust be more	lueu					
Item #	Product Description, Model or Series	Quality Program	Scope of Certification	Expiry Date	Verifying Organization	Location(s) Plant Name and address				
1.	Fitting 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 001-40-0525, Rev. A, Scope of Registration, Reports DECLARED before me at Allentown in the State. of Pennsulvania (province, territory, or state) Commonwealth of Pennsylvania - Notary Seal SARAH PAINTER - Notary Public Lehigh County My Commission Expires August 10, 2026 (a Commissioner of Oaths or Notary Public) Commission Number 1424224 (expiry date (mm/dd/yy)) Commissioner of Oaths / Notary Public in and for: Communication of Pennsylvania For ABSA Office Use Only: NOTES: 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 2025-06795 ABSA SAFETY CODES ACT - PROVINCE OF ALBERTA CRN: 0H25742.2 **ACCEPTED: 0H25742.2** See acceptance letter for Registered Date: November 25, 2025 conditions of registration. Date: 2025-11-25 Expiry Date: November 25, 2035 STEPHAN NEWTON, E.I.T. 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 Signature: with the Electronic Transactions Act. (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

DWG. NO. **001-40-0525**

11/07/25 DMR TJS

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 OTHERS IN WHOLE OR 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 AS AVAILABLE TO THE PUBLIC GENERALLY.

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.
11/2" FITTING ASSEMBLY	ASK-40-0525	CGA FLANGE; PIPE	ASME B31.3	NPS 11/2	650 PSIG @150 °F	-425 °F	Pipe: 0.200 / 0.113	FLANGE X 1½ MNPT	SA-312 TP 304/304L SA-479 304/304L	E240027-4	000-40-0525
11/2" SW FLANGE	ASK-40-0152S ASK-40-0152-316	N/A	ASME B31.3	NPS 11/2	650 PSIG @150 °F	-425 °F	Socket: 0.294 / 0.076	FLANGE X 1½ SW	SA-479 304/304L SA-479 316/316L	E240027-4	000-40-0525



NOTES: (UNLESS OTHERWISE SPECIFIED)

1. BASE METAL AND WELD METAL DEPOSITS SHALL BE IMPACT TESTED IN ACCORDANCE WITH ASME B31.3, PARA. 323.3

						Α	INITIAL RELEASE - NPI0241		07/26/24	DMR	DMR
UNLESS OTHERWISE SPECIFIED						REV.	DESC RIPTION		DATE	BY	APP'D.
THE FOLLOWING TOLERANCES APPLY: .XX: ± .01" .XXX: ± .005" FRACTIONS: ± 1/32" ANGLES: ± 0.5"				ORIG	ORIGINAL		PE OF REGISTRATION	ACME			
ALL DIMENSIONS ARE IN INCHES. REMOVE ALL BURRS AND SHARP EDGES TO .015 MAX.				DESIGN BY DMR	DATE 07/12/2024		IG ASSEMBLY	CRYOGENI		C S	
MACHINED SURFACES TO BE 125 MICRO-INCHES OR BETTER.				DRWN BY DMR	DATE 07/12/2024	NPS 1-1/2" REF: E240027-4		PART OF OPW a DOVER COMPANY			
5. DO NOT SCALE DRAWING.					DATE 07/19/2024			001-40-0525			
	PRODUCT	NEXT ASS'Y	NO. REQ'D	APPROVED BY DMR	07/26/2024	SCALE N/A	WEIGHT N/A	SHEET 1 OF 1	F	REV. B	

SEE ECN 10767