New Brunswick Nunavut	Nova Scotia		ward Island	Newfoundland and Labrador		
	Yukon	Northwes	Territories			
Manufacturers Name: Acme Cryogenics, Inc. Manufacturers Address; 2801 Michael Avenue; Alontown, PA; 18103, USA						
Plant Locations: same		B)03,USA	***************************************			
Category A Pipe fittings, including B Flanges: all flanges	of Fittings to be registered couplings, tees, elbows, Ys, pli	d. Circle one ugs, unions, pip	Category only e caps, or reducers	Title of the Standard of Construction		
© Valves: all line valves D. Expansion joints, flexible connections, and hose assemblies; all types E. Strainers, filters, separators, and steam traps				ASME B31.3, ASME B31.12, ASME B16.34		
F Measuring devices, inc transmitters	cluding pressure gauges, level of pressure relief devices accept					
boilers, pressure vesse	els, piping and fusible plugs mponents that do not fall into on	7.0				
N Nuclear components:	Class 1 Class 2 Class	3 🗆 , (Meeting	CNSC or ASME regulrem			
ACME CRYOGEN	Name, Trademark, or Log		evi p	Type of Construction Forged D Welded M Wrought D Cast M Other D Describe other:		
List of supporting do	cumentation and identific	ation of the	ctual Items to be reg	stered:		
CRN-1060/1080,	Rev. J, Scope of CR	N Registra	ation; Calculation	No. E11003, Rev. 7		
	18 MM 18 18 18 18 18 18 18 18 18 18 18 18 18					
Declaration:	feer odla 31 EMD	loved by Acm	e Cryogenics, Inc.	and being the person baying full authority		
and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these						
verified by Tuytimine		ing suitable fo	or that purpose and I m	rication occurs in whole or in part and has been ake this solemn declaration conscientiously er oath.		
Signature of Declarer;	DM(Cell)					
	2501 mitchell Av					
This UM day commissioner of Oaths	of August AD	BCB3	Use	this sps Commonwealth of Pennsylvania - Notary Seal SARAH PAINTER - Notary Public		
Or Notary Public: (sign)	, sout			Lehigh County My Commission Expires August 10, 2026		
	(Affix Official seal to the rig			Commission Number 1424224		
	This conlettedian must be		egulatory Authority use, ter ten (10) years from the	date of acceptance.		
CRN: 0C14626.5	Rev2		A Carlo	EPTED		
FID#: 1556			DROUNCE OF PRIN	CE EDWARD ISLAND		
Notesi			COMMUNITIES, LA	NI) & ENVIRONMENT		
Active Science of the Commission of the Commissi	gistered in the name of the Manufac			4626.59RXVZ		
2. Each Category shall be supported with two Statutory Declaration forms and one copy of supporting documentation.						
	be made by the person having full a uality of the end product.	uthority and	DATE:	mant		
4, Quality Control progra	ms shall be resubmitted for validation	on.	INSPECTION S	ERVICES SECTION Sect 1.0 - Fittings Rev.2		
11/2016			BOILER/PRESSU	RE VESSEL BRANCH		

New Brunswick Nunavut	Nova Scotia Yukon	Prince Edward Island Northwest Territories	Newfoundlas	nd and Labrador
Manufacturers Na	Me: Acme Cryogenics, Inc.			
Manufacturers Ad	dress: 2801 Mitchell Avenue, Allentown	n, PA, 18103, USA		
Plant Locations:	no as abavo			
B Flanges: all flanges (C) Valves: all line valve	ng couplings, tees, elbows, Y	tered. Circle one Category on 's, plugs, unions, pipe caps, or reduc	cers	itle of the Standard of Construction
D Expansion joints, flexible connections, and hose assemblies: all types E Strainers, filters, separators, and steam traps F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters				B31.3, ASME B31.12, B16.34
G Certified capacity-rai boilers, pressure ver	ted pressure relief devices ac ssels, piping and fusible plug components that do not fall in	protection on		
N Nuclear component	s: Class 1 Class 2 C	lass 3 D (Meeting CNSC or ASME	requirements)	
Show Manufacture	rs Name, Trademark, or	Logo as it will appear on the	product	Type of Construction
ACMI	Nics De		Forged Cast B Describe	Other D
		tification of the actual items to CRN Registration; Calcu		
ratings, and identificat fittings is regulated by verified by TWRESHIM	the quality of the end products the product for which ion markings are in accordance a Quality Control Programand knowing that it is of the	employed by Acme Cryogenics, In luct do solemnly declare that the registration is sought. The dim- dance with the herein named standance with the herein named standance with the herein plant was being suitable for that purpose the same force and effect as if m	Information contained in ensions, materials of cons andards. I further declars there fabrication occurs in a and I make this solemn o	struction, pressure temperature that the manufacture of these whole or in part and has been
Declared before me a	2501 mitchell	Avenue, Allentoun, PA	18103	
This <u>Um</u> day Commissioner of Oath	of August A	D_8083_	Use this space in the	16 United Seal Wealth of Pennsylvania - Notary Seal IRAH PAINTER - Notary Public Lehigh County
Or Notary Public: (sign			My Con	nmission Expires August 10, 2026
	(Affix Official seal to the		Date by playing	ommission Number 1424224
CRN: 0C14626.	This registration mu 5 Rev2	This space for Regulatory Author ist be revalidated after ten (10) years	ity use.	T. D.
FID#: 1556			NOVASCOTI	A VA
Notes:			E Date Aug. 9	24
2. Each Category shall	egistered in the name of the Man		C.R.N. OC 1463	16.58 Rev. 2
3. The Declaration shall	porting documentation. I be made by the person having t quality of the end product.	full authority and	Signed Signed	
	rams shall be resubmitted for vali	dation.	P _1 of 1	Section - Fittings Rev.2
11/2016			Part	

New Brunswick Nova Scotia Prince Edward Island Newfoundland and Labrador Nunavut Yukon Northwest Territories Manufacturers Name: Acme Cryogenics, Inc. Manufacturers Address: 2801 Mitchell Avenue, Allentown, PA, 18103, USA Plant Locations: same as above Category of Fittings to be registered. Circle one Category only Title of the Standard of A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers Construction B Flanges: all flanges (C) Valves: all line valves ASME B31.3, ASME B31.12, D Expansion joints, flexible connections, and hose assemblies: all types **ASME B16.34** E Strainers, filters, separators, and steam traps F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs H Pressure retaining components that do not fall into one of the above categories N Nuclear components: Class 1 ☐ Class 2 ☐ Class 3 ☐ , (Meeting CNSC or ASME requirements) Show Manufacturers Name, Trademark, or Logo as it will appear on the product Type of Construction Forged Welded
Wrought Cast Other Describe other: List of supporting documentation and identification of the actual items to be registered: CRN-1060/1080, Rev. J, Scope of CRN Registration; Calculation No. E11003, Rev. 7 Declaration: (see note 3) employed by Acme Cryogenics, Inc. and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by TUV Rheinland as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath. Signature of Declarer: Declared before me at 2801 mitchell Avenue, Allentown, PA 18103 44 2023 _day of <u>August</u> ommonwealth of Pennsylvania Notary Seal Commissioner of Oaths SARAH PAINTER - Notary Aublic Lehigh County Or Notary Public: (sign) Outverturission Expires August 10, 2026 (Affix Official seal to the right) mission Number 1424224 This space for Regulatory Authority use.

This registration must be revalidated after ten (10) Years from the date of acceptance
BOILER & PRESSURE VES. 0C14626.5 Rev2 1556 FID# Notes All Fittings shall be registered in the name of the Manufacturer. 1. Each Category shall be supported with two Statutory Declaration forms and one copy of supporting documentation. The Declaration shall be made by the person having full authority and responsibility for the quality of the end product. Quality Control programs shall be resubmitted for validation. ect 1.0 - Fittings Rev.2 11/2016 BLRs ☐ PVs

☐ NUCLEAR COMPONENTS

New Brunswick

New Brunswick Nunavut	Nova Scotia Yukon	Prince Edv Northwest	A COLUMN TO A COLUMN TO THE CO	New	foundland and Labrador	
Manufacturers Name: Aone Cryogenica, Inc.						
Manufacturers Address; 2501 Michael Avenue, Atlentom, PA, 18100, USA						
Plant Locations:						
Category of Fittings to be registered. Circle one Category only A Pipe fittings, Including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers B Flanges: all flanges Construction						
© Valves: all line valves D Expansion Joints, flexible connections, and hose assemblies: all types E Strainers, filters, separators, and steam traps F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on				ire	ASME B31.3, ASME B31.12, ASME B16.34	
H Pressure retaining c	sels, piping and fusible plugs omponents that do not fall into (one of the above o	ategories			
N Nuclear components	: Class 1 Class 2 Clas	a 3 🗆 , (Meeting (CNSC or ASME require	ements)		
ACME		VI	OVI D	>	Type of Construction Forged a Welded & Wrought a Cast # Other a Describe other:	
List of supporting of	iocumentation and identif	ication of the a	ctual items to be re	egistered:		
CRN-1060/1080), Rev. J, Scope of C	RN Registra	tion: Calculatio	n No. E	11003 Rev 7	
my knowledge represeratings, and identifications, and identifications is regulated by verified by two believing it to be true, Signature of Declarer. Declared before me a	ants the product for which re- ion markings are in accorda- a Quality Control Program as t and knowing that it is of the	egistration is sounce with the her which extends to being suitable for same force and	ight. The dimension rein named standard or each plant where fir that purpose and I effect as if made un	is, meteria ds. I furthe fabrication make this nder oath.	being the person having full authority tained in this form is true to the best of is of construction, pressure temperature or declare that the manufacture of these occurs in whole or in part and has been solemn declaration conscientiously	
	of August AD				Commonweath of Pennsylvania - Notary Seal	
Commissioner of Oath	9				SARAH PAINTER - Notary Public	
Or Notary Public; (sign	(Affix Official seal to the	right)			Lehigh County My Commission Expires August 10, 2026 Commission Humber 1424224	
This space for Regulatory Authority use						
CRN. 0C14626	.5 Rev2	be revalidated after	er len (10) years from Newfork Labra	ine date of	acceptance.	
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The state of the s	egistered in the name of the Manufe be supported with two Statulory De		Date Asig-	9.20	Maria Inc.	
and one copy of sup	porting documentation. Il be made by the person having full		Registered by	spection Se	fvicas	
responsibility for the	quality of the end product.	3.9 Million (1999) 11 € 1 - 11 (1995) 6.2	UNDER THE AU	THORITY	THE	
4. Quanty Contra prog	onis man sa lambilitza for Azigā	suori.	PUBLIC SAF	ETY ACT A	ND Sect 1 0 - Fittings Rev 2	
1172015			COMPRESSED G			

New Brunswick	Nova Scotia	Prince Edward Island	Novefoundland and Laborator			
Nunavut	Yukon	Northwest Territories	Newfoundland and Labrador			
Manufacturers Name; Acree Cryogenics, Inc.						
Manufacturers Addre	SS: 2801 Mitchell Avenue, Allantown,	PA 18103 USA				
Plant Locations: same as	s above					
A Pine fittings including	of Fittings to be regist	ered. Circle one Category only	Title of the Standard of			
b rianges, all flanges	couplings, tees, elbows, Y	s, plugs, unions, pipe caps, or reducers	Construction			
C) Valves: all line valves D Expansion joints flexib	le connections, and hose	goo omblies # 4	ASME B31.3, ASME B31.12,			
E Strainers, filters, separa	ators, and steam trans		ASME B16.34			
u ansimilers		evel gauges, sight glasses, levels, or pressure				
G Certified capacity-rated	pressure relief devices ac	ceptable as primary over pressure protection of	on			
policia, pressure vesse	is, piding and fusible blugs	to one of the above categories				
•		ass 3 🗆 , (Meeting CNSC or ASME requirement				
Show Manufacturers	Name, Trademark, or	Logo as it will appear on the product	Type of Construction			
A	A -	,	Forged Welded Wrought			
ACIVIE			Cast Describe other:			
CRYOGEN			Describe enter.			
List of supporting do	cumentation and ident	tification of the actual items to be regis				
		CRN Registration; Calculation				
0.44 1000/1000,	itov. o, ocope or	Civil Registration, Calculation	No. E11003, Rev. /			
Declaration:						
David M. Rakos, Director of Engineering	(see note 3) e	employed by Acme Cryogenics, Inc.	and being the person having full authority			
and responsibility for the	quality of the end produ	uct do solemnly declare that the informati	ion contained in this form is true to the heat of			
ratings, and identification	s the product for which markings are in accord	registration is sought. The dimensions, r	materials of construction, pressure temperature I further declare that the manufacture of these			
ittings is regulated by a	Quality Control Program	n which extends to each plant where fabr	ication occurs in whole or in part and has been			
verified by in money	as	s being suitable for that purpose and I ma be same force and effect as if made unde	ke this colomn declaration conscientionals			
		same force and effect as it made unde	roatn.			
Signature of Declarer:	MICH					
Declared before me at 3		Avenue, Allentown, PA 18103				
	f August Al	D_&O&3Use ti	his space for the Cirical Seal Commonwealth of Pennsylvania - Motary Seal			
Commissioner of Oaths	20.0		SAKAH PAINTER - Notary Public			
Or Notary Public: (sign)	20 t		My Commission Expires August 10, 2026			
	(Affix Official seal to the	e right)	Commission Number 1424224			
		This space for Regulatory Authority use.				
CRN: 0C14626.5	Rev2	st be revalidated after ten (10) years from the	date of acceptance.			
W ANNOUNCE AND A	-		SANEW OF			
FID#: 1556			180			
Notes:			O BY			
The second secon	stered in the name of the Manu		12			
Each Category shall be and one copy of support	supported with two Statutory E ting documentation.	Declaration forms	CRN 0C14626.5Y REV2			
The Declaration shall be responsibility for the quality	e made by the person having fu	ull authority and	DATE 08/21/2024			
The second secon	anty of the end product. is shall be resubmitted for valid	dation.				
Company of the Compan		0.000	Sect 1.0 Fittings Rev.2			
11/2016			Sect 40 Fittings Rev.2			

New Brunswick

New Brunswick Nunavut	Nova Scotia Yukon	Prince Edward Island Northwest Territories	Newfoundland and Labrador		
Manufacturers Nam	D* Arms Farmanias ton				
Manufacturers Address; 2801 Maches Avenue, Allestown, PA. 18103. LIZA					
Plant Locations:	s ahove				
B Flanges: all flanges	of Fittings to be registered couplings, tees, elbows, Ys, plu	. Circle one Category only gs, unions, pipe caps, or reducers	Title of the Standard of Construction		
C Strainers, liners, separ	ele connections, and hose asser- ators, and steam traps	Distriction of the Contract of	ASME B31.3, ASME B31.12, ASME B16.34		
G Certified capacity-rated	pressure relief devices accepta	auges, sight glasses, levels, or press ble as primary over pressure prolect			
H Pressure retaining con	is, piping and fusible plugs aponents that do not fall into one				
Show Manufacturers	Class 1 Class 2 Class 3	. (Meeting CNSC or ASME requires it will appear on the produ			
ACME	♦ Dev		Forged		
List of supporting do	cumentation and identifica	tion of the actual items to be n	egistered:		
CRN-1060/1080,	Rev. J, Scope of CRN	Registration; Calculation	on No. E11003. Rev. 7		
	And the same of th				
Declaration:	100 NOTICE 100 N	Acres Courselles Ive			
and responsibility for the	(see note 3) emplo	yed by Acine Cryogenics, inc.	and being the person having full authority nation contained in this form is true to the best of		
niy knowledge represent	s the broduct for which reals:	ration is sought. The dimension	a materials of construction procesum temporatum		
raungs, and idenuncation	markings are in accordance	with the herein named standard	s I further declare that the manufacture of these		
ABLILIEG DA ADAMONDAS	as bein	a suitable for that numose and I	ebrication occurs in whole or in part and has been make this solemn declaration conscientiously		
believing it to be true, an	d knowing that it is of the sar	ne force and effect as if made ur	der oath.		
Signature of Declarer:	Children)				
	SOI mitchellener	we Allentown, PA 1810	3		
	August AD &				
Commissioner of Oaths	9	- Artificial Common Com	B this spe to the Univie Spen Seal Commonwealth of Penniyivania - Notary Seal SARAH PAINTER - Notary Public		
Or Notary Public: (sign) _	200 to		Lehigh County		
	(Affix Official seal to the right		My Commission Expires August 10, 2026 Commission Number 1424224		
	This	space for Regulatory Authority use:			
CRN: 0C14626.5	This confidentian must be a	evalidated after ten (10) years from ti	ne dale of our Mance.		
CRN: 0014020.3			15.00		
FID#;1556		/ N	orthwest		
Notes.			Territories		
1. All Fittings shall be regist	ared in the name of the Manufacture	. /	REGISTERED \		
Each Category shall be a and one copy of supporti	upported with two Statutory Declaration	lon forms UNDER	R THE AUTHORITY OF		
The second secon	mede by the person having full author	arity and THE BC	OILER AND PRESSURE		
responsibility for the qual	ity of the end product.		VESSEL ACT		
4. Quality Control programs	shall be resubmitted for validation.		OC14626.5TR		
11/2016			D mathias trainar		
		DATE	10 12/19/		

New Brunswick

New Brunswick	Nova Scotia	Prince Edward	Contraction Contract	ewfoundland and Labrador	
Nunavut	Yukon	Northwest Terr	itories		
Manufacturers Name; Acme Cryogenica, Inc.					
	1985; 2001 Milchell Avenue, Allentown, P.	A. 18183, USA			
Plant Locations: ***		and Civals and Cata		STALL WALLSON	
Category of Fittings to be registered. Circle one Category only A Pipe fittings, including couplings, tees, etbows, Ys, plugs, unlons, pipe caps, or reducers				Title of the Standard of Construction	
B Flanges: all flanges © Valves: all fine valves				ASME B31.3, ASME B31.12,	
D Expansion joints, fle:	xible connections, and hose as parators, and steam traps	ssemblies: all types		ASME B16.34	
F Measuring devices, I	including pressure gauges, levi	el gauges, sight glasses,	levels, or pressure		
transmitters G Certified capacity-rat	ed pressure relief devices acco	entable as primary over r	ressure protection on		
bollers, pressure ves	sels, piping and fusible plugs omponents that do not fall into				
	: Class 1 Class 2 Clas				
Show Manufacture	rs Name, Trademark, or L	ogo as it will appear	on the product	Type of Construction	
ACRE	1.4			Forged a Welded B Wrought a Cast B Other c	
ACVIE		VID	CVI	Describe other:	
CRYOGE	NICS -				
List of supporting o	documentation and identi	fication of the actual	Items to be registere	d:	
CRN-1060/1080), Rev. J, Scope of C	RN Registration	; Calculation No.	E11003, Rev. 7	
	35R			* * * * * * * * * * * * * * * * * * *	
				= = = = = = = = = = = = = = = = = = = =	
Declaration:	(see note 3) Of	nolowed by Acme Cryo	genics, Inc.	nd being the person having full authority	
and responsibility for t	the quality of the end produ	ct do solemnly declare	that the information c	ontained in this form is true to the best of	
my knowledge representations, and identificat	ents the product for which r	egistration is sought	The dimensions, mate	rials of construction, pressure temperature ther declare that the manufacture of these	
fittings is regulated by	a Quality Control Program	which extends to each	h plant where fabrication	on occurs in whole or in part and has been	
believing it to be true.	and knowing that it is of the	being suitable for that a same force and effec	: purpose and I make ti ct as if made under oal	nis solemn declaration conscientiously	
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Signature of Declarer.	- The state of the		in the 10-10-2		
	of August AD		Lion thin s	The same than the same same	
Commissioner of Oath	9	-8083	Cap HAS	SPECIAL PAINTER - Notary State	
Or Notary Public: (sign	300 -N	-^	AP D	I V C I YEEKON Churtey	
Or Hotaly Fubric. (sign	(Affix Official seal to the	right)	L'OS	My Commission Funites August 10, 2024	
	Cama autom com to the	This space for Regulate	ryPullindViase.	Pressure Vessels Act	
CRN: 0C14626	This reg stration must		(10) years from the date		
i Oran-	.5 14642		RE	GISTERED	
FID#: 1556	-		CRN_DC 14	626.5N KRY2	
Notes			DI DI	u coplants	
1	registered in the name of the Manu		Date	STOTION	
	I be supported with two Statutory Deporting documentation.	ecastanon torrita	Signed	filling h.	
	all be made by the person having fu quality of the end product.	8 authority and		Chief Inspector	
The second secon	rams shall be resubmitted for velid	ation.	manifestion of Section 1997 of the Parket Section 1997		
11/2016			Territoria	ai Registration Fee	
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