

14th Floor, Centre Tower 3300 Bloor Street West Toronto, Ontario Canada M8X 2X4 Tet.: 416.734.3300

Fax: 416.231.1626 Toll Free: 1.877.682.8772

www.tssa.org

July 19, 2013

ED PATNODE ADVANCED THERMAL SYSTEMS INC 15 ENTERPRISE DR LANCASTER NY 14086-9749 US

Service Request Type.: BPV-National ACI Central

Service Request No.: 1093450

Your Reference No.:

Registered to.: ADVANCED THERMAL SYSTEMS INC

Dear ED PATNODE,

Please find enclosed the original response from PEI,NS,NB,NFLD,YK,NWT,NU registered under the CRN No.: 0D8420.59870YTNR1.

As all jurisdictional fees are handled by the Technical Standards and Safety Authority (TSSA), you do not pay any jurisdictions directly.

Should you have any questions or require further assistance, I will be happy to assist you. For general enquiries, please contact a Customer Service Advisor at 1.877.682.TSSA (8772) or e-mail customerservices@tssa.org. When contacting TSSA regarding this file, please refer to the Service Request number provided above.

Yours truly,

Tanya Francis
Administrative Assistant_ BPV Engineering

Tel.: 416-734-3423 Fax: 416-231-6183 Email:tfrancis@tssa.org

UNIFORM 8	TATUTORY DECLARAT	ION FORM FOR THE REGISTRAT	TION OF FITTING DESIGNS		
NEW BRUNSWICK NUNAVUT	NOVA SCOTIA YUKON	PRINCE EDWARD ISLAND NORTHWEST TERRITORIES	NEWFOUNDLAND AND LABRADOR		
MANUFACTURERS NAME	Advenced Thermal Systems, Inc.				
MANUFACTURERS ADDR		r. NY 14088			
	Inited States				
CATEGORY OF	FITTINGS YO BE REGISTERE	D. CIRCLE ONE CATEGORY ONLY	TITLE OF THE EXAMPTED OF HON-AUGMON		
6 Flanges: all flanges C Valves: all line valves	ouplings, leas, sibows, Ys, plug: sconnections, and hose assemi	s, unions, pipe caps, or reducers	ASTM 01.07		
Strainers, filters, separat Messuring devices, inclu- pressure transmitters	ASME 831.1				
G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessors, prima and fusible plugs H Pressure retaining components that do not fall into one of the above categories					
N Nuclear components: C	BOS 1 D Closs 2 D Closs 3 D	i, (Meeting AECB or ASME requirements) GO AS IT WILL APPEAR ON THE PRODU	CT TOPE OF HONSTRUCTION		
		SO OS II THE SEFE SE VE THE LEVEL	PORGEO CHELDED TO WROUGHT CO CAST COTHER CO OSSCRIBE OTHER:		
List of supporting X	CUMENTATION AND IDENTIF	CATION OF THE ACTUAL ITEMS TO BE	AkolafeAED:		
DECLARATION:					
Dent Statement The person having full authority and responsibility for the quality of the end product do sciennly declare that the information contained in this form is true and 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 heroin 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 whele or in part and has been verified by HER Global Standards. HER Global Standards. As being suitable for that purpose and I make this scienn.					
declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under eath.					
Signature of Declarer: STACY & HOOVER FOR THE					
Decisioned before me at 15 Fokquis Divid 1 10 (10 11 11 11 11 11 11 11 11 11 11 11 11 1					
Commissioner of Oaths or Notary Public: (sign) My Commission Expires September 18, 40/6					
(Affix Official soal to the right)					
Tì	This registration must be revo	space for Regulatory Authority us Ildated after ten (10) years for the	te of accoptiNUNAVUT		
CRN: 0D8420.5	REV1	Nullivu	Boilers and Pressure Vessels Act		
FIDN: 1514]	REGISTERED		
Notes:	and in the name of the Manufac	can D	D8420,5 N Rev1		
	ired in the name of the Manufac upported with two Statutory Dec ention decumentation		Ling 16 2013		

forms and one copy of supporting documentation.

3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product.

4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.

Chief Inspector

Territorial Registration Fee

<u>UNIFORM STA</u>	TUTORY DECLARAT			A THE STATE OF THE
NEW BRUNSWICK NUNAVUT	NOVA SCOTIA YUKON	PRINCE EDI NORTHWES	Ward Island It territories	NEWFOUNDLAND AND LÄBRADOR
MANUFACTURERS NAME:	Advanced Thermal Systems, Inc.	,		
MANUFACTURERS ADDRE	SS: 15 Enterprise Drive, Lancos	lar, NY 14088		
PLANT LOCATIONS: Uni	ed States			THE OF THE STANDARD OF CONSTRUCTION
CATEGORY OF E	TINGS TO BE REGISTER	ED, CIRCLE ONE C	ATEGORY ONLY	TITLE OF THE BYANDALD PERMOCRATION
A Pipe fittings, including cou & Flanges: all flanges C Valves: all line valves	plings, tees, elbows, Y5, plug	ga, uniona, pipo capa	, or reducers	ASTM 01.07
D Expension laints, flexible of	onnections, and hose assen	nbiles: ali types		ASME 831.1
E Strainers, filters, caperator. F Measuring devices, includi	e, and steam traps ng pressure gauges, level ga	avges, sight glassos,		Active as
prossure transmitters G Certified capability-railed pr builders, pressure vessels, H Pressure rataining compon	piping and fusible plugs rents that do not fall into one	of the above catego	rios	· ·
N Nuclear components: Ola	99 1 🗆 Class 2 💭 Class 3	[], (Meeting AECB	or ASME requirements)	YPS OF CONSTRUCTION
SHOW MANUFACTURERS	AME TRADEMARK OR L	OGO AS IT WILL A	PEAR OF THE PURPOSE	ROROED WELDED & WHOUGHT C
				DESCRIBE OTHER:
LIST OF SUPPORTING DO		TIEICATION OF THE	ACTUAL ITEMS TO BE R	EGISTERED:
LIST OF SUPPORTING DOS	MENTATION AND IDENT	HEINWITH AE THE	LOATED WITH WARRY TRANSPORT	
See attached list o	f Enclosures			
•				
my knowledge represents temperature ratings, and id manufacture of these fitting	of the end product do ac he product for which regi entification markings are as is regulated by a Quali	slombly declare us stration is sought. In accordance with ty Control Program	The dimensions, materia the dimensions, materia the herein named stand which extends to each p	eing the person having full authority at ed in this form is true and to the best als of construction, pressure lards. I further declare that the plant where fabrication occurs in whole hat purpose and I make this scienn effect as if made under cath.
Signature of Declarer:	12/1/1/		,	ACK A HOOVER FOR THE
	Enterprise Deve 1	1 ancaster No	U S NOTARY PU	BLIC-STATE OF NEW YORK
This day of _	HOCIG AD.	30,3		of 60 HOS 143 150E A L
Commissioner of Oaths		Doctes	Qualifie	ed in Niagora County
or Notary Public: (sign)	At de a fel		My Commissio	on Expires September 18, 50/6
	(Affix Official seal to the	right)		
	TI	his space for Regulat	ory Authority use	of acceniance
T	nie registration must be re	evalldated after ten	(10) years from the balls	101 acceptance:
CRN: 008420.5				
FID# 1514	•			A STATE OF THE STA
FID#: 1314			North	erritories
			מברסוי	STERED
Each category shall be a forms and one copy of supples. The declaration shall be execute this duality.	made by the person naving t of the end product. shall be resubmitted for vali	full authority and	UNDER THE THE BOILER VESS C.R.N. OO	AUTHORITY OF AND PRESSURE SEL ACT. 8420.57 Par
M & HINVALIANT HUMAN & AL DA	- 4-4 g		SIGNED	22/2013
			DATE	y array

NEW BRUNSWICK NUNAVUT NOVA SCOTIA YUKON PRINCE EDWARD ISLAND NORTHWEST TERRITORIES NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: Advanced Thermai Systems, Inc.					
MANUFACTURERS ADDRESS: 16 Enterprise Drive, Landaster, NY 14086					
PLANT LOCATIONS: United States	The state of the s				
CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION				
A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers B Flanges: all flanges C Valves: all line valves	ASTM 01.07				
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	ASME 831.1				
pressure transmitters G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on bollers, 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 AECB or ASME requirements) SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT	TYPE OF CONSTRUCTION				
	Forgeo () Welded XI Wrought () Cast () Other () Describe Other:				
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REC	SISTERED:				
See attached list of Enclosures					
declaration conscientiously believing it to be true, and knowing that it is of the same force and effective of Declarer: Declared before me at 15 Fokuste Disc Install II S Foliable by the same force and effective in the s	in this form is true and to the best of of construction, pressure ds. I further declare that the nt where fabrication occurs in whole t purpose and I make this solemn				
This 10th day of April AD 9013 OF No.	9408193185 A L				
Commissioner of Oaths Qualified or Notary Public: (sign) My Commission	In Niagara County expires September 15, 4016				
(Áffix Official seal to the right) This space for Regulatory Authority use					
	acceptance.				
CRN: 0D8420.5 REV1	12 2				
This registration must be revalidated after ten (10) years from the date of CRN: 0D8420.5 REV1 FID#: 1514	1028420 17 REVI				
Notes:	5/17/1				
All fittings shall be registered in the name of the Manufacturer. Each category shall be supported with two Statutory Declaration	DATE				
forms and one copy of supporting documentation. 3. The declaration shall be made by the person having full authority and	A CONT				
responsibility for the quality of the end product.	BOILERS BRAN				
4. Quality control programs shall be resubmitted for validation at a maximum interval of five (6) years.					

NEW BRUNSWICK NUNAVUT NOVA SCOTIA YUKON PRINCE EDWARD ISLAND NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: Advanced Thermal Systems, Inc.				
MANUFACTURERS ADDRESS: 15 Enterprise Drive, Lancaster, NY 14086				
PLANT LOCATIONS: United States				
CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION			
A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers B Flanges: all flanges C Valves: all line valves D Expansion joints, flaxible 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	ASTM 01.07 ASME B31.1			
pressure transmitters G. Certified capacity-rated pressure relief devices acceptable as primary over pressure protection bollers, 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 AECB or ASME requirements.)				
SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PR				
AE	FORGEO () WELDED XI WROUGHT () CAST () OTHER () DESCRIBE OTHER:			
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO	O BE REGISTERED:			
See attached list of Enclosures DECLARATION: Dead Skierconski				
	F No! 61408193189 A L			
ir Notary Public: (sign) My Com	Jailfled in Niagara County Thission Expires September 15, 4016			
(Affix Official seal to the right)	The same of the sa			
This space for Regulatory Authority use				
This registration must be revalidated after ten (10) years from the	date of acceptance NEWFOUNDLAND			
CRN:OD8420.5 REV1	Labrador Addition II			
FID#: 1514	Department of Government Services			
appendiction to the control of the c	Registered OD8420.50 Bull			
Notes: 1. All fittings shall be registered in the name of the Manufacturer. 2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation. 3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product. 4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.	Date 17 MAY 20/3 GOVERNMENT SERVICES CENTRE Engineering and his region Services Registered by UNDER THE AUTHORITY OF THE PUBLIC SAFETY ACT AND			
	THE BOILER, PRESSURE VESSELAND			

NEW	BRUNS	WICK.
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NOVA SCOTIA

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PLANT LOCAT	TIONS Uni	lod States				
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A Pipe fittings.	, including cou	plings, taes, bibows, Ys, plug	is, unions, pipe caps, or reducers			
C Valves: all	inanges Int Valves				A\$TM 01.07	
D Expansion (pinta, flexible c	onnections, and hose assem	biles: all types			
F Measuring d	era, separator: Evices, includi:	s, and steam traps	uges, sight glesses, levels, or	:	ASME B31.1	, ;
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H Pressure ret	aining compan	ents that do not fall into one :	of the above pategories			i
N Nuclear com	ponents: Clas	s 1 🗆 Class 2 🖂 Class 3 🖂), (Meeting AECS or ASME requ	irements)		
SHOWMANUFA	CLURERS N	AME. TRADEMARK. OR LO	GO AS IT WILL APPEAR ON TH	IE PRODUCT	TYPE OF CONSTRUCTION	į,
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DECLARATION	<u> </u>					
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sabouainility tot	the quality of	f the end product do sale:	mniv declare that the informat	ion contained	In this form is true and to the h	est of
iy knowledge re	ableseuze the	Droduct för which realstr	ation la sought. The dimensio accordance with the herein n	ons materials	of constituction, pressure	
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in part and ha	s been verifie	of by HAR Global Alone	ie gnied se	uitable for the	purpose and I make this scient of as if made under oath,	rin
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ommissioner of			<i>J</i> /	No. 0	1H09199136 / -	
Notary Public:		22 1 L Q	Visite 1		n Niagara County	
Jones Joseph Company		(Affix Official seal to the right		, equilitation E	ipiret seplember 15, 2014,	
		This s	pace for Regulatory Authority use	1		
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				/Y ```	W/	- 1
ID#: 15	1.4		(4	Date!	May 17/13 (5)	:
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aspansibility for ti	te quality of th	e by the parson having full as e and product.	5	igned w	pano Pensu	,
. Quality control	programs, shal	li be resubmitted for validatio	p _			1.
t a maximum Inte	Prvsi or five (5)	years.		(2)!	of (a)	

NEW BRUNSWICK NUNAVUT

NOVA SCOTIA YUKON

PRINCE EDWARD ISLAND NORTHWEST TERRITORIES NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: Advanced Thermal Systems, Inc.	
MANUFACTURERS ADDRESS: 15 Enterprise Drive, Lancaster, NY 14086	
PLANT LOCATIONS: United States	
CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION
A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers B Flanges: all flanges C 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	ASTM 01.07 ASME B31.1
pressure transmitters G Certifled 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 AECB or ASME requirements)	
SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT	TYPE OF CONSTRUCTION
AE	FORGED WELDED XI WROUGHT CAST OTHER CODESCRIBE OTHER:
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REC	SISTERED:
See attached list of Enclosures DECLARATION: David Skierczyński (see note 3) employed by Advanced Thermal Systems, Inc. and bein	g the person having full authority and
responsibility for the quality of the end product do solemnly declare that the information contained my knowledge represents the product for which registration is sought. The dimensions, materials temperature ratings, and identification markings are in accordance with the herein named standar manufacture of these fittings is regulated by a Quality Control Program which extends to each plat or in part and has been verified by HSB Global Standards as being suitable for that declaration conscientiously believing it to be true, and knowing that it is of the same force and effects of the same force and e	in this form is true and to the best of of construction, pressure ds. I further declare that the nt where fabrication occurs in whole tourpose and I make this solemn
Declared before me at 15 Forkrouse Drive I ancastic My US NOTARY PUBLI	SPACE FOR THE
Commissioner of Oaths or Notary Public: (sign)	Attoriography
This space for Regulatory Authority uso: ER & PR	ESSURE VESSEL ACT
CRN: <u>UD8420.5 REVI</u>	IRATION ONLY OD8420.57 Revi
FID#:1514	10
2. Caon category and to supported with two Statutory Decidiation	for DILER INSPECTOR
forms and one copy of supporting documentation. 3. The declaration shall be made by the person having full authority and DATE:	117/2013
responsibility for the quality of the end product. 4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.	
TEAL SAIL	S COMPONENTS

UNIFORM S	STATUTORY DECLARATI	ON FORM FOR THE REGISTRATI	ON OF FITTING DESIGNS
NEW BRUNSWICK NUNAVUT	NOVA SCOTIA YUKON	PRINCE EDWARD ISLAND NORTHWEST TERRITORIES	NEWFOUNDLAND AND LABRADOR
MANUFACTURERS NAM	E: Advanced Thermal Systems, Inc.		
MANUFACTURERS ADD		NV 1409È	
PLANT LOCATIONS:	United States	, N F 14000	
CATEGORY OF	FITTINGS TO BE REGISTERE	D. CIRCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION
A Pipe fittings, including of B Flanges; all flanges C Valves: all line valves D Expansion joints, flexible Strainers, fliters, separa F Measuring devices, including pressure transmitters G Certified capacity-rated boilers, pressure vessel	ouplings, taes, elbows, Ys, plugs a connections, and hose assemb tors, and steam traps uding pressure gauges, level gau	i, unions, pipe caps, or reducers lies: all types ges, sight glasses, levels, or le as primary over pressure protection on	ASTM 01.07 ASME B31.1
N Nuclear components: C	lass 1 🔲 Class 2 🗇 Class 3 🖂	, (Meeting AECS or ASME requirements)	
SHOW MANUFACTURERS	NAME, TRADEMARK, OR LOC	GO AS IT WILL APPEAR ON THE PRODUC	TYPE OF CONSTRUCTION FORGED WELDED X: WROUGHT CAST OTHER DESCRIBE OTHER:
See attached list	of Enclosures		
my knowledge represents temperature ratings, and i manufacture of these fittin or in part and has been ve	ty of the end product do solen the product for which registra dentification markings are in a gs is regulated by a Quality C rified by HSB Global Stand	nally declare that the information contain ation is sought. The dimensions, materi accordance with the herein named stan Control Program which extends to each	dards. I further declare that the plant where fabrication occurs in whole that purpose and I make this solemn
Declared before me at \(\sum_{\text{th}} \) This \(\sum_{\text{th}} \sum_{\text{th}} \) Commissioner of Oaths or Notary Public: (sign) \(\sum_{\text{th}} \)	April AD DO Affix Official seal to the right	Qualifie My Commission	SACY A HOOVER FOR THE BLIC-STATE OF NEW YORK OF HOOTS A LEGAL OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF EXPIRES SEPTEMBER 15.

This space for Regulatory Authority use

This registration must be revalidated after ten (10) years from the date of acceptance.

QD8420.5 REV1

1514 FID#:

All fittings shall be registered in the name of the Manufacturer.
 Each category shall be supported with two Statutory Declaration

forms and one copy of supporting documentation.

3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product.

4. Quality control programs shall be resubmitted for validation

at a maximum interval of five (5) years.

PROVINCE OF PRINCE EDWARD ISLAND

ENVIRONMENT, LABOUR & JUSTICE

inspection services section

BOILER/PRESSURE VESSEL BRANCH