

345 Carlingview Drive Toronto, Ontario CANADA M9W 6N9 Tel.: 416.734.3300 Fax.: 416.231.1626

Toll Free: 1.877.682.8772

www.tssa.org

April 11, 2017

CHAD THOMAS ENGINEERED CONTROLS INTERNATIONAL LLC 100 REGO DR ELON NC 27244 US

Service Request Type.: BPV-National ACI Central

Service Request No.: 2019440

Your Reference No.:

Registered to.: ENGINEERED CONTROLS INTERNATIONAL LLC

Dear CHAD THOMAS.

Please find enclosed the original response from PEI,NS,NB,NFLD,YK,NWT,NU, registered under the CRN No.: 0H19101.59870YTN.

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

at a maximum interval of five (5) years.

UNIFORM S	TATITODY DECLADA	ION FORM FOR	THE DEC		
NEW BRUNSWICK NUNAVUT	NOVA SCOTIA YUKON	PRINCE ED	WARD ISLAND BT TERRITOR)	OF FITTING DESIGNS NEWFOUNDLAND AND LABRADOR
MANUFACTURERS NAME	Engineers	0 6		7 1	
MANUFACTURERS ADDE	3ECG. []	d con	YD(S	doter	notional LLC
PLANT LOCATIONS:	()		zive,	Y. Cor	201-2-12-66
CATEGORY OF	FITTINGS TO BE REGISTER	FO CIBCLE ONE C	ATECORY OF	11.0	TITLE OF THE STANDARD OF CONSTRUCTION
A Pipe fittings, including c B Flanges: all flanges C Valves: all line valves D Expandion joints, flexible E Strainers, fittors, separal F Measuring devices, inclu pressure transmitters	ouplings, tees, elbows, Ys, plug a connections, and hose assem tors, and steam traps uding pressure gauges, level ga	gs, unions, pipe caps ablies: all types auges, sight glassos,	, or reducers	,	ASME B31.1
G Certified capacity-rated bollers, pressure vessel. H Pressure retaining comp	pressure relief devices accepte s, piping and fusible plugs conents that do not fall into one	of the above categor	rica		
N Nuclear-components: C	less 1 [Class 2 [Class 3 [J. (Meeting AECB o	r ASME requir	amanta)	
SHOW MANUFACTURERS	NAME TRADEMARK OR LO	GO AS IT WILL AP	PEAR ON THE	PRODUCT	TYPE OF CONSTRUCYON
REG()®				FORGED WELDED WROUGHT CAST CO OTHER DESCRIBE OTHER:
LIST OF SUPPORTING DO	CUMENTATION AND IDENTI	FICATION OF THE	ACTUAL ITEM	S TO BE RE	GISTERED:
my knowledge represents temperature ratings, and identifications of these fittings.	the product for which registration markings are in	ration is sought. To accordance with the	he dimension he herein na	on contained ns, materials med standar	ds. I further declare that the
	believing it to be true, and				
Signature of Declarer:	bel M.	wens		MARI	SA E. ELLIOTT
Doclared before me at	rightered Controls,	Int1/Elon	USE		ARYARUBLAGR THE
This let down Drichher in 2014					
Commissioner of Oaths Wansa E. Elliott					ange county
or Notary Public: (algn)	Mansa Z. Elli	OU	L		TH CAROLINA
	(Affix Official seal to the rigi	ht)	W	commi.	ssion expires 8/31/2021
	This	apace for Regulaton	Authority use		
	nis registration must be reve	ilidated after ten (1	0) years from	n the date of	acceptance.
CRN: 0H19101.5				ACCE	PTED
			PROVINCE	OF PRINC	CE EDWARD ISLAND
FID#: 1704			COMMUN	ITIES, LAN	D & ENVIRONMENT
 Each category shall be su forms and one copy of supports. The declaration shall be no responsibility for the quality of 	nade by the person having full a of the end product.	deration authority and	C.R.NC DATE:	2#10	9/0/.59 lr 2/17
4. Quality control programs a	shall be resubmitted for validation	on	BOILER/	PRESSIME	VICES SECTION VESSEL BRANCH

INSPECTION SERVICES SECTION BOILER/PRESSURE VESSEL BRANCH

UNIFORM ST	ATUTORY DECLARATION F	ORM FOR THE RE	GISTRATION	OF FITTING DESIGNS
NEW BRUNSWICK NUNAVUT	NOVA SCOTIA	PRINCE EDWARD ISLA NORTHWEST TERRITO	ND	NEWFOUNDLAND AND LABRADOR
MANUFACTURERS NAME:	Engineered	Calala	1-1	
MANUFACTURERS ADDRE	SS: O	Con mols	mter	protional LLC
PLANT LOCATIONS:	0	1	Thom	201-2-1244
CATEGORY OF F	ITTINGS TO BE REGISTERED, CIR	CLE ONE CATEGORY	OULV	. , ,
A Pipe fittings, including cor B Flanges: all flanges C Valves: all line valves	uplings, tees, eibows, Ys, plugs, union	ns, pipe caps, or reducers	S ,	ITTLE OF THE STANDARD OF CONSTRUCTION
D Expansion joints, flexible E Strainers, filters, separate	connections, and hose assemblies: a			ASME B31.1
G Certified capacity-rated or	ling pressure gauges, level gauges, si		tection on	
	, piping and fusible plugs ments that do not fall into one of the a			
N Nuclear components: Cla	ass 1 Class 2 Class 3 , (Mee	Dove categories		
SHOW MANUFACTURERS	NAME, TRADEMARK, OR LOGO AS	IT WILL ADDES DON	uirements)	
人でからまかつを表現	minoria.	II MISE APPEAR ON	HE PRODUCT	TYPE OF CONSTRUCTION
REGC) ®			FORGED WELDED WROUGHT CAST COTHER CO
LIST OF SUPPORTING DO	CUMENTATION AND IDENTIFICATION	ON OF THE ACTUAL IT	EMS TO BE RE	Ole veneral
		THE NOTONE !!	EMS TO BE KE	GISTERED:
	7			
8	e attached	list.		
	William			
DECLARATION				
Chad hon	70 R (see note 2) employed by_	FCI LL	C and being	ng the person having full authority and
my knowledge represents the	of the end product do solemnly d	eclare that the informa	tion contained	ng the person having full authority and I in this form is true and to the best of
temperature rations and id-		and during the orniging	iona, materiala	Of construction, pressure
manufacture of these fitting	s is regulated by a Quality Control	l Program which exten	named standar	rds. I further declare that the nt where fabrication occurs in whole it purpose and I make this solemn
or in part and has been veri	fled by ICO 9001/UL	INC as being	suitable for the	of purpose and I make this science
declaration conscientiously	believing it to be true, and knowled	ig that it is of the same	force and effe	ect as if made under oath.
Signature of Declarer:	bel M Van	ens r		
	Miniered Controls, Int	T/Fin		SA E. ELLIOTT
	Octobrate Continue Continue	IV DIVIDIO		ARYARUBLIGR THE
Complete and Call	COMPAR AD 2016		ALEARM	ange county
Commissioner of Oaths or Notary Public: (sign)	Marisa F. 600 IRTX	 	NORT	TH CAROLINA
	(Affix Official seal to the right)	~	N commis	ssion expires 8/31/2021
		or Regulatory Authority u		क्षा व्याप्त पुराविध
Thi	s registration must be revaildated	-B1 // C		
CRN: 0H19101.5		and ton (10) years in	PR	ESSURE
CRN:			NEX	X Yes
FID#: 1704			-	b.ai/17
Notes:			RN. OHI	
1. All fittings shall be registere	ed in the name of the Manufacturer.		m. as d	escribed
2. Each category shall be aup	ported with two Statutory Declaration		Igned Thron	
forms and one copy of support 3. The declaration shall be mu	ling documentation. ade by the person having full authority			d 1
responsibility for the quality of	the end product.	and , (
 Quality control programs at at a maximum interval of five (nall be resubmitted for validation		ACT & REC	ATIONS
er a maximum matast of use (o) years.		KE	JULA

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK

NEW BRUNSWICK NUNAVUT	NOVA SCOTIA YUKON	PRINCE EDWARD ISLAN NORTHWEST TERRITO		NEWFOUNDLAND AND LABRADOR
MANUFACTURERS NAME	Ensineered	C1-/-	4-1	1:
MANUFACTURERS ADDR	SS:	- Con mols	antes	notional Lic
PLANT LOCATIONS:	Same Co	go Douve	Z-Lox	20-27244
CATEGORY OF F		CIRCLE ONE CATEGORY	DNLY	TITLE OF THE STANDARD OF CONSTRUCTION
A Pipe fittings, including co B Flanges: all flanges C Valves: all line valves	uplings, tees, elbows, Ys, plugs, u	inions, pipe caps, or reducers		ASME B31.1
Measuring devices, included pressure transmitters Certified capacity-rated publics, pressure vessels Pressure retaining compounds	ling pressure gauges, level gauge ressure relief devices acceptable : , piping and fusible plugs ments that do not fall into one of the	as primary over pressure prot		
N Nuclear components: Cla	ass 1 🗆 Class 2 🗆 Class 3 🗀, (Meeting AECB or ASME requ	irements)	
REGO	NAME, TRADEMARK, OR LOGO			TYPE OF CONSTRUCTION FORGED WELDED WROUGHT CAST OTHER CORESCRIBE OTHER:
LIST OF SUPPORTING DO	CUMENTATION AND IDENTIFIC	ATION OF THE ACTUAL ITE	MS TO BE RE	GISTERED:
DECLARATION: Tesponsibility for the quality my knowledge represents the temperature ratings, and idmanufacture of these fitting	he product for which registration and in account to the product for which registration markings are in account to the product of the product	ly declare that the information is sought. The dimension or the dimension of the dimension of the dimension of the dimension of the difference of the differ	tion contained ons, materials amed standar	ds. I further declare that the
declaration conscientiously Signature of Declarer:	believing it to be true, and known	as being s wing that it is of the same	force and effe	f numaca and I make this
1. 4.	ecember an 20	<u> </u>	ALAMA NORT	ANGE COUNTY TH CAROLINA SSION EXPITES 8/31/2021
		ce for Regulatory Authority us	1 7 7	, , ,
CRN: 0H19101.5 FID#: 1704	This spaces registration must be revalida	D.F.	PTOP PUBI	LIC SAFETY RE VESSEL ACT
 Each category shall be sup forms and one copy of suppor The declaration shall be m responsibility for the quality of 	ade by the person having full author the end product. hall be resubmitted for validation	r. CRA tion prity and EXAMIN	1/20	419101.57 u Cusu
			BLRs [PVs
		₩ FIT	TINGS	COMPONENTS

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS **NEW BRUNSWICK NOVA SCOTIA** PRINCE EDWARD ISLAND NEWFOUNDLAND AND LABRADOR NUNAVUT YUKON NORTHWEST TERRITORIES MANUFACTURERS NAME: Engince potiono MANUFACTURERS ADDRESS: PLANT LOCATIONS: Bov e CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY TITLE OF THE STANDARD OF CONSTRUCTION A Pipe fittings, including couplings, tees, elbows, Ys, pluge, unions, pipe caps, or reducers B Flanges: all flanges C Valves: all line valves ASME B31.1 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 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 FORGED | WELDED | WROUGHT | CAST | OTHER | DESCRIBE OTHER: LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED: See attached list. DECLARATION: I Charl MODDA R (see note 3) employed by FCI 22 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 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 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 じこうつかしししょうしょう 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: MARISA E. ELLIOTT Declared before me at USETHNOTARYARUBLAGR THE Mell ALFARMANGE COUNTY Commissioner of Oaths Manda NORTH CAROLINA My commission expires 8/31/2021 (Affix Official seal to the right) This space for Regulatory Authority use This registration must be revalidated after ten (10) years from the date of acceptance. CRN: OH19101.5 FID#: 1704 Sorvice NL Registered OH 1916 1. All fittings shall be registered in the name of the Manufacturer. 2. Each category shall be supported with two Statutory Declaration Engineering and Inspection Services forms and one copy of supporting documentation.

Registered by

UNDER THE AUTHORITY OF THE

PUBLIC SAFETY ACTIVID
THE BOILER, PRESSURE VESSEL AND
COMPRESSED OF SIERBY ATTENTION

3. The declaration shall be made by the person having full authority and

4. Quality control programs shall be resubmitted for validation

responsibility for the quality of the end product.

at a maximum interval of five (5) years.

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

MANUFACTURERS NAME:	
MANUFACTURERS ADDRESS: O CON MY	ols International LLC
PLANT LOCATIONS: (7)	
CATEGORY OF FITTINGS TO BE REGISTERED, CIRCLE ONE CAT	
A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, o 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	ASME B31.1
 F Measuring devices, including pressure gauges, level gauges, sight glasses, level pressure transmitters G Certified capacity-rated pressure relief devices acceptable as primary over pre 	90V 50 * 100000
Boilers, pressure vessels, piping and fusible plugs H Pressure retaining components that do not fall into one of the above categories	g
N Nuclear components: Class 1 ☐ Class 2 ☐ Class 3 ☐, (Meeting AECB or A	\SME requirements)
SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPE	
REGO®	FORGED WELDED WROUGHT CAST COTHER COTHER:
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE AC	CTUAL ITEMS TO BE REGISTERED:
See attached list	,
DECLARATION: I Charle Towns (1900 note 3) employed by ECT responsibility for the quality of the end product do solemnly declare that the my knowledge represents the product for which registration is sought. The temperature ratings, and identification markings are in accordance with the manufacture of these fittings is regulated by a Quality Control Program who or in part and has been verified by 15000 DL 100 and declaration conscientiously believing it to be true, and knowing that it is of	e information contained in this form is true and to the best of e dimensions, materials of construction, pressure e herein named standards. I further declare that the nich extends to each plant where fabrication occurs in whole as being suitable for that purpose and I make this paleons.
Signature of Declarer:	MARISA E. ELLIOTT
Declared before me at Engineered Controls, Intl/Ein This 16th day of December AD 2016	USETHNOTARYARUBLIC R THE ALFAMANGE COUNTY
Commissioner of Oaths Warra E. Eleioth or Notary Public: (sign)	NORTH CAROLINA
(Affix Official seal to the right)	My commission expires 8/31/2021
This space for Regulatory / This registration must be revalidated after ten (10	Authority use
122 1	y years from the date of acceptance.
CRN: 0H19101.5	
FID#: 1704	ERMIENT OF TO
Notes:	(S) BY DO Z
1. All fittings shall be registered in the name of the Manufacturer.	CRN/0H19101.5Y
Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation.	DATE 2/27/2017
3. The declaration shall be made by the person having full authority and	BOILERS BRANCT
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.	300 BW.

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	muturationen with cristingered on more arites	The state of the s
1	MANUFACTURERS ADDRESS:	nollanor rec
4	PLANTICCATIONS: CZ	7 2 4
	CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION
	A Pipe fittings, including couplings, tees, albows, Ys, plugs, unions, pipe caps, or reducars	
	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 (raps F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters	ASME B31.1
-	G Certified capacity-rajed pressure railef devices acceptable as primary over pressure protection on	v v
1	boliors, pressure veasels, piping and fusible plugs H Pressure retaining components that do not fall into one of the above categories	
1	N Nuclear components: Class 1 🗆 Class 2 🗅 Class 3 🗅, (Moeting AECB or ASME requirements)	
1	SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT	TYPE OF COHETRUCTION
	REGO®	PORGED WELDED WROUGHT D CAST COTHER D DESCRIBE OTHER
1	LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REC	JIRTERED.
	MET ST. DOT STUING POSSIBLITATION AND INSCITUTION OF THE ASTORICATION TO BE ACT	215 TERED.
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	1 : 0 : 1 1 t	
	See attached list.	v !
		<i>)</i>
		. 1.
ı	DECLARATION: 1 Charles 1 2000 A R 1999 note 31 employed by ECT LLC and bell	ng the person having full authority and
	responsibility for the quality of the end product do solemnly deciare 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 those fittings is regulated by a Quality Control Program which extends to each play or in part and has been verified by CO FOTO OLIVE as being suitable for the declaration conscientiously believing it to be true, and knowing that it is of the same force and effective to the same force are same force and effective to the same fo	In this form is true and to the best of s of construction, pressure rds. I further declare that the ant where fabrication occurs in whole at purpose and I make this solemn
		SA E, ELLIOTT
ľ		CARVARUBLIC R THE
1	This 14th day of December AD 2014 REARM	ANGE COUNTY
	Commissioner of Oaths Ass. C.	TH CAROLINA
	AAL CAMANA	ssion expires 8/31/2021
		عالم المال و- المال
1	This space for Regulatory Authority use This registration must be revalidated after ten (10) years from the date of	
ı		T BCCBPTTTTOB.
١	CRN: 0H19101.5	
١	FID#: 1704	Northwest 163.00
l		Territories
1	Notes:	EGISTERED \
	All fittings shall be registered in the name of the Manufacturer. Each category shall be supported with two Statutory Declaration THE BOIL	HE AUTHORITY OF LER AND PRESSURE ESSEL ACT. H/9/0/51
	at a maximum interval of five (6) years.	
	DATE_A	0 27 1 797/
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7110878738;

To:ACI Central

07-70-17;21:52 ;From:

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK NUNAVUT	NOVA SCOTIA YUKON	PRINCE EDWARD NORTHWEST TER	ISLAND RRITORIES	NEWFOUNDLAND AND LABRADOR
MANUFACTURERS NAM	E: Escalara A	C	- 4-1	
MANUFACTURERS ADD	RESS:		s inter	DC-27211
PLANT LOCATIONS:	Same as	above	T-Lox	, 2-2-42-44
CATEGORY OF		IRCLE ONE CATEGO	DRY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION
A Pipe fittings, including	couplings, tees, elbows, Ys, plugs, un	ons, pipe caps, or red	lucers	
B Flanges: all flanges C Valves: all line valves				
D Expansion joints, flexib	le connections, and hose assemblies:	all types		ASME B31.1
E Strainers, fliters, separa	ators, and steam traps Iuding pressure gauges, level gauges,	sight glasses, levels	or	
pressure transmitters				
boilers, pressure vesse	i pressure relief devices acceptable as als, piping and fusible plugs		re protection on	
H Pressure retaining com	ponents that do not fall into one of the			
N Nuclear components:	Class 1 🗆 Class 2 🗆 Class 3 🗖, (M S NAME, TRADEMARK, OR LOGO)	eeting AECB or ASM	E requirements)	
SHOW MANUFACTURER	S NAME, TRADEMARK, OR LOGO	AS II WILL APPEAR	ON THE PRODUCT	TYPE OF CONSTRUCTION FORGED WELDED WROUGHT
DEP				CAST OTHER DESCRIBE OTHER:
KEGI				
LIST OF SUPPORTING	OCUMENTATION AND IDENTIFICA	TION OF THE ACTU	AL ITEMS TO BE RE	GISTERED:
2 4				1
	17	1 .		
	Se attached	list.		ľ
	LE affiched	70.0		
DECLARATION:		TAT I		
responsibility for the gue	1377 G (see note 3) employed by	doplare that the in	and bei	ing the person having full authority and d in this form is true and to the best of
my knowledge represent	is the product for which registration	n is sought. The di	mensions, material	s of construction pressure
temperature ratings, and	I Identification markings are in acc	ordance with the he	erein named stands	arde I further declare that the
or in part and has been v	verified by LSD 900/ / C	LINC as b	extends to each pi eing suitable for th	ant where fabrication occurs in whole at purpose and I make this solemn
declaration conscientiou	sly believing it to be true, and kno	wing that it is of the	same force and ef	fect as if made under oath.
Signature of Declarer: /	bel M Va	rens	MADI	SA E. ELLIOTT
	Engineered Controls, Iv	H1/Eron	3	m . mai milmi io
	December AD 20	114		12 - 12 - 12 - 12 - 12 - 12 - 12 - 12 -
Tills day 0				IANGE COUNTY
or Notary Public: (slan)	Marisa E. Elliot	X		TH CAROLINA
o ,	(Affix Official seal to the right)		_ my commi	ission expires 8/31/2021
v		e for Regulatory Au		ΝΙΙΝΙΔΙ/ΙΙΤ
1	This registration must be revalida	ted after ten (10) y	es nom date	of acceptance.
CRN: 0H19101.	5	I	35	Boilers and
		1	Nuñavut	Pressure Vessels Act
FID#: 1704			_	FOICTEDED
		ì	Ŗ	REGISTERED
Notes:	stered in the name of the Manufacture		CRN OH	19101. SN
2. Each category shall be	supported with two Statutory Declara		Cal	17 2017
forms and one copy of sug	pporting documentation. The made by the person having full auth	ority and	Date Her	14 8017
responsibility for the qualit	ty of the end product.	,	Signed	Million L-
Quality control program at a maximum interval of f	ns shall be resubmitted for validation			Chief Inspector
	1-1 / www.			
		*	Territor	ial Registration Fee
		1	.3	
		,		and the second s