

TECHNICAL STANDARDS & SAFETY AUTHORITY

14th Floor, Centre Tower 3300 Bloor Street West Toronto, Ontario Canada M8X 2X4 Show facsimile of manufacturer's logo or trademark, as it will appear on the fitting, in the space below

Goddard

STATUTORY DE Registration of		
David Bray, Materials Engineer		
(Name and Position, e.g. President, Plant Me	anager, Chief Engineer)	
of Engineered Controls International, LLC		
(Name of Manufactures	7 -	
Located at 3181 Lear Drive, Burlington, NC 27215, USA	(336) 449-7707	(336) 449-6594
(Plant Address)	(Telephone No.)	(Fax No.)
do solemnly declare that the fittings listed hereunder, which are subj and Pressure Vessels Regulation, comply with all of the requireme ASME B31.3	ect to the <i>Technical Standard</i> nts of	ls and Safety Act, Boilers
(Title of recognized North American		
which specifies the dimensions, materials of construction, pressure/temper	rature ratings, identification markin	g the fittings and service;
pressure/temperature ratings and the basis for such ratings, the marking of the pressure of these fittings is controlled by a quality	ata which identifies the dimension ng of the fitting for identification of y system meeting the requireme	ns, material of construction, and service.
which has been verified by the following authority, UL DQS	Inc.	·
The items covered by this declaration, for which I seek registration, are category C this application, the following information and/or test data are attached as follows:		type fittings. In support of
Catalog CG-500		
(drawings, calculations, test repo	rts, etc.)	
Declared before me at Elm in the the Street day of AD 20 Sommissioner for Oaths: Commissioner for Oaths: (Printed name) (Signature)	OFFICIAL SEAL PATRICIA T. HILL Votary Public - North Caroll ALAMANCE COUNTY My Commission Expires (Signature of De	of the same of the
FOR OFFICE USE ON To the best of my knowledge and belief, the application meets the requirements of the best of my knowledge and belief, the application meets the requirements of the best of my knowledge and belief, the application meets the requirements of the best of	of the and Safety Authority	Pressure Vessels Safety Program
RN: 0015296.5		TERED
egistered by: [Levely Gre	C.R.N.:	15296.5
ated: May 22, 2012	Signed:	Whips
OTE: This registration expires on May 22, 2022	Date:	7 44 1. 4414

PV 09553 (06/04) Note: Size Scope of registration in document "CRN Value ist Landscape"

Page a to f. wo ex/22/2012 Following Pages,

Bronze Goddard

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	Reference to calculation or	proof testing		Pg 1 Thru	Pg 6	þ			į	Pg 1	اhru	Pg6					Pg 1	Thru	P. 6)	
	ASTM Material			ASTM B61 C92200					2 CO EATON	Tag livi Bb T	C32200						ASTM B61	C92200			
no cten Ti	Pressure Temperature rating	or class	400 PSI	+65°C to	7 001				400 PSI	+65°C to	-196°C					ISQ UUV	+65°C to	196°C	י חכד		The second secon
NOTE: end connections labeled as Solder Joint, we call out as Silver Brazed Ends in our catalog	END CONNECTIONS Available		Solder Joint	Solder Joint	Solder Joint, Threaded	Solder Joint, Threaded	Threaded	Solder Joint, Threaded	Threaded	Solder Joint, Threaded	Threaded	Solder Joint, Threaded									
as Solder Joint, w	Size	"71	/2	1"	11%"	2"	1/4"	3/8"	1/2"	3/4"	1"	11%"	2"	1/4"	1/2"	3/4"	1"	1 1/2"	2"	2 1/2"	3″
onnections labeled	ASME Design Standard		MSS SP80	ASME BPVC Section VIII	Div 1			MSS SP80	ASME BPVC	Section VIII	Div 1	-1		_1		MSS SP80	ASME BPVC	Section VIII	Div 1		
NOTE: end co	Model / Series #			202					,	907							222				

CRN 0C/L296. L
Technical Standards & Saray Asumority
Boliche & Praesund Vessels
Safety Frugian.

Bronze Goddard

THIS IS PART OF CRN 06/1-296.5
Technical Statemas & Satery Austonity
Rotters

Bronze Goddard

NOTE: end o	onnections labeled	d as Solder Joint.	NOTE: end connections labeled as Solder Joint, we call out as Silvar Brazad Fada is a second	-		
Model / Series #	ASME Design Standard	Size	END CONNECTIONS Available	Pressure Temperature rating	ASTM Material	Reference to calculation or
		2 1/2"	Solder Joint, Threaded	300 PSI	:	proof testing
310	MSS SP80 ASME B31.3	3″	Solder Joint, Threaded	+65°C to	ASTM B61	Pg 7
		,		-196°C	0011	Pg 18
	1	1/2"	Solder Joint, Threaded			
		34"	Solder Joint, Threaded			
	MSS SPRO	1"	Solder Joint, Threaded	300 PSI	200 PATON	
322	ASME 831.3	11%"	Solder Joint, Threaded	+65°C to	AS I IVI B61	Pg 7
		2"	Solder Joint, Threaded	-196°C	C32200	Inru
	I.	2 1/2"	Solder Joint, Threaded			Pg 18
		3″	Solder Joint, Threaded	·		
		1/2"	Threaded			
	MSS SPRO	3/4"	Threaded	600 PSI	Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	
326	ASME B31.3	1"	Threaded	+65°C to	AS IN BB1	Pg 7
		1 1/2"	Threaded	-196°C	C32200	Inru
		2"	Threaded			Pg 18
		12"	Solder Joint, Threaded			
	MSS SPRO	3/4"	Solder Joint, Threaded	400 PSI	ACTRA DC2	
840	ASMF B31.3	1"	Solder Joint, Threaded	+65°C to	ASTINI B61	Pg 19
		1 1%"	Solder Joint, Threaded	-196℃	C32200	Thru
		2"	Solder Joint, Threaded			Pg 24
				THIS IS PART OF CRIN OC 15-296.	THIS IS PART OF CRIN OC 15-296 C	
				Bollers & Pro.	Bollers & Pressure Vessels Safety Program	
U	CRN Valve list Landscane	andscane			- Caronia	

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			ASTM Material	=		4	ASTM B61	C92200				
- Total	catalog.	Pressure	Temperature rating	or Class		600 PSI	+65°C to	106°C	7 061-			
Ve Call Out as Silver Brazed Ends in o	, and catalog.	END CONNECTIONS	Available		Solder Joint, Threaded	Threaded	Solder Joint Threaded	מביים במוולי וווובמתכת	Solder Joint, Threaded	Solder Joint, Threaded	2000	
a as soluer solur, l		į	Size		1/2"	3/4"	1"	1 1/11	1 /2	2"		
מווור ברוחוז ומחבוב		ASME Design	Standard			MSS SP80	ACAME DOLL	ASIVIE DST.3				
5		Model / Series	#			,	846					

THIS IS PART OF CRN OCLE296. F
Technical Standards & Safety Authority Boilers & Processis Vessels Safety, Program

Stainless Steel Goddard

Reference to calculation or	proof testing			Pg 25	Thru	Pg 36	0					Pg 37	Thru	Pg 46					Pg 47	Thru Pg 57
ASTM Material #	Widter Idi #			ASME	5A351 Gr	CF8					ACAME	CA351 Cr	D 10505	٥				ASME	SA351 Gr	CF3M
Pressure Temperature	rating or Class		ASME Class	150, 300	+65°C to	-196°C					ASME Class	150, 300	+65°C to	-196°C		102	NO Class	200 and 400	Sou alid 400	+65°C to -254°C
END CONNECTIONS Available	Butt Wold Socket Wold Throaded	Butt Weld, Socket Weld	Flange, Butt Weld, Socket Weld. Threaded	Flange, Butt Weld, Socket Weld,	Flange, Butt Weld, Socket Weld.	Flange, Butt Weld, Socket Weld	Flange, Butt Weld, Socket Weld.	Flange, Butt Weld, Socket Weld	Socket Weld. Threaded	Socket Weld, Threaded	Flange, Socket Weld Threadod	Socket Weld	Flance Butt Wold	Flange Burt Weld	Flange, Butt Weld	Socket Weld	Butt Weld, Socket Weld			
Size	1/2"	3/4"	1"	1 1/2"	2",	3″	4"	9	12,"	34"	1,,	11%"	2"	3,,	4″	14"	1/2"	3/4"	1″	1%"
ASME Design Standard				816.34								B16.34						ASME BPVC	Section VIII	
Model / Series #				110			A Common Com					210						6	727	

CRN 0c 15-296.5
Technical Structus & Safety Arthority
Boilers 2 Pressure Vessels
Safety, Program

Reference to calculation or	proof testing		Pg 19	Pg 24					Pg 58	I hru Pa 70)					Pg 71	Thru	Pg 89	}	
ASTM Material #			ASME SA351 Gr	CF3M				1000	SA351 Gr	CF3M						ASME	5A351 Gr	CF8		
Pressure Temperature	rating or Class	NOT class	300 and 400	+65°C to -198°C	FOR	NOI CIASS	Ann bei	400 PSI +65°C to	-196°C		Class 150 200	+65°C to	-196°C	ACRAF OL	ASIVIE CIASS	300	1000	7 DET-		
END CONNECTIONS Available	Butt Weld. Socket Weld	Butt Weld, Socket Weld	Butt Weld, Socket Weld		Butt Weld, Socket Weld	Socket Weld	Butt Weld, Socket Weld	Butt Weld, Socket Weld	Butt Weld	Butt Weld	Butt Weld			Butt Weld	Butt Weld	Butt Weld	Butt Weld	Butt Weld, Socket Weld	Butt Weld	
Size	1,1"	1,,	ì	1 %	1,4"	34"	1"	11%"	2"	3″		4″		/4″	1/2"	3/4"	1"	1 1%"	2"	
ASME Design Standard			ASME BPVC Section VIII						B16.34			7.			4	B16 34	· · · · · · · · · · · · · · · · · · ·			
Model / Series #			232						886							SK				

THIS IS PART OF CRN OC 15296, 5
Idinieri Standanto & Safety Authority
Golfers A Prossure Vessels
Scriety Program

	NEW BRUNSWICK NUNAVUT	NOVA SCOTIA YUKON		OWARD ISLAND ST TERRITORIES	NEWFOUNDLAND AND LABRA	DOR
	MANUFACTURERS NAME:	Engineered Cont	rols Internationa	LLLC		***********
	MANUFACTURERS ADDRESS:	3181 Lear Drive,				
• •	PLANT LOCATIONS: 318	1 Lear Drive, Burlin			.5	
	CATEGORY OF FITTIN	GS TO BE REGISTERE	D. CIRCLE ONE C	ATEGORY ONLY	TITLE OF THE STANDARD OF CONSTR	UCTION
	A Pipe fittings, including coupling	s, lees, elbows, Ys, plug	s, unions, pipe caps,	or reducers		
. }	B Flanges: all flanges C Valves: all fine valves					200 (5.2
Ī	D Expansion joints, flexible conne	ctions, and hose assemb	lles: all types			
1.	E Strainers, filters, separators, an F Measuring devices, including pr	d sleam traps essure gauges, level gau	ces, sight glasses, k	evels, or	ASME B31.3	. •
- 1	pressure transmitters G Certified capacity-rated pressure				71010111 1051.5	
1	bollers, pressure vessels, proinc	and fusible plugs				
	H Pressure retaining components	that do not fall into one of	the above categorie	8		
1	N Nuclear components: Class 1 C	7 Class 2 🗆 Class 3 🗖,	(Meeting AECB or A	ASME requirements)		
٦	HOW MANUFACTURERS NAME,	TRADEMARK, OR LOG	O AS IT WILL APPL	EAR ON THE PRODUCT	TYPE OF CONSTRUCTION FORGED D WELDED D WROUGHT D	
- 1					CAST DOTHER D	
1	Goddard				DESCRIBE OTHER.	
1						- 1
L	ST OF SUPPORTING DOCUMEN	TATION AND IDENTIFIC	ATION OF THE AC	TUAL ITEMS TO BE REG	ISTERED:	
	Bronze Valves: 202, 22				17.18.18.1	- 1
	846 Sc	cries. Valves may	contain letter s	uffives		- 1
		- rairos may	oonam rottor s	umos		1.
	Stainless Steel Valves: 1	110, 210, 231, 232,	886 Series. V	alves may contain l	etter suffixes	
	Supporting information f	rom CG-500 Catal	og			
DEC	LARATION:					
17	avid Bray	_(ase note 3) employed by	ECI, LLO	and being	the person having full authority a	nd
respo	migrounty for fire dogsity of fue bi	na product do salemni	deciam that the i	ntormation contained in	this form is this and to the best	of
temp	nowledge represents the produ erature ratings, and identification	ot for which registration	n is sought. The d	imensions, materials of	construction, pressure	
manu	nacture of these fittings is regul	ated by a Quality Conf	roi Program which	extends to each plant	where fahrlantian annum la	9
01 111	Jan and has been verilled by	JE 1100 JA	C. ast	elna sulfahle for that so	THE AND ASSESSED OF THE PARTY O	
Gecia	ration conscientiously believing	It to be true, and know	ving that it is of the	same force and effect	as if made under oath.	٠٠٠
Signa	ture of Declarer: Save	Buy +) A HTT		OFFICIAL SEAL	
Declar	ed before me at E low	Worth &	210 line	I S E SAINT SEA	Notary Public - North Carolles	ì
This	day of any	01000	1 b		Notary Public North Carolina Academance County	į
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	Issioner of Oaths ary Public: (sign)	Alcin 1017	2100	1	VIVO VIVO VIVO	
		icial seal to the right)	1000	- ALBERTA SERVICE SERV	The same of the sa	۴
		This space i	or Regulatory Author	thy use 1007	OVERNMENT OF	1
	This registrati	on must be revalidated	after ten (10) vea	Westchhullanthed	EWFOUNDLAND	1
	0015206 5	17	, ,,			
CRN:	0015296.5			l U	epartment of . Sovernment Services	
FID#:	14214			Régistered OC15	294.50	
					16/19	
Notes:	(P)	ii e		Date	12111	
1. All fil	tlings shall be registered in the nam	ne of the Manufacturer.		GOVERNMENT S	ERYCES CENTRE	
2. Each	category shall be supported with bind one copy of supporting documen	wo Statutory Declaration		^1	Aspection Services	
3. The	declaration shall be made by the pe	rson having full authority	and	Registered by Chan		
responsi	bility for the quality of the end prod	uct.	und	UNDER THE AU	THORITY OF THE	
4. Quali	ty control programs shall be resubn imum Interval of five (5) years.	nitled for validation		PUBLIC SAF	ETY ACT AND	
man	and and var of hive (5) years.			THE BOILER, PRES	SURE VESSELAND	
				LOMPICESSED C	AS REGULATIONS	



STATUTORY DECLARATION Registration of Fittings

In this space, show facsimile of manufacturer's logo or trademark as it will appear on the fitting.

I, _	David Bray ,	Goddard
	Materials Engineer	
(comp	pany title, e.g. vice president, plant manager, chief engineer) (must be in a position of authority)	
of	Engineered Controls International, LLC	
	(name of manufacturer)	
locate		
	(plant address)	
do so (chec	lemnly declare that the fittings listed hereunder, which are subject to the Safety Codes Act k one)	
\boxtimes	comply with the requirements of ASME B31.3 which specific which specific which specific which specific with the requirements of title of recognized North American Standard)	es the dimensions,
	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 there:	fore manufactured to
	comply with as supported by the attached data which i	dentifies the dimensions,
	materials of construction, pressure/temperature ratings and the basis for such ratings, and	the marking of the fittings
	for identification.	
furth	er declare that the manufacture of these fittings is controlled by a quality control program w	hich has been verified by the
follow	ing authority, UL DQS Inc. as being suitable for the manufac	cture of these fittings to the
tated	standard. The fittings covered by this declaration, for which I seek registration, are C class	ss fittings.
	port of this application, the following information, calculations and/or test data are attached	
	rom Catalog CG-500	•
DECL.	ARED before me a long in the state of day of day of dellers and of dellers and of dellers and of dellers are dellers and dellers are dellers and dellers are dellers and dellers are dellers and dellers are delle	th Carolina
orint)	(Month) (Year) PATRICIA T. HHD Votary Public - North Explosion Explosion and Commission of App (A Commissioner for Oaths)	Tjeant)
or Of	fice Use Only	
o the 51, C	best of my knowledge and belief, the application meets the requirements of the Safety Code lause 4.2, and is accepted for registration in Category	s Act and CSA Standard
egistr	ation Number: 0C15296.52	
	A STATE OF THE STA	2022-05-22
ormatio 2 Q	n you provide is necessary only for the administration of the programs as required by the Alberta Safety Codes Act and Research will be the state of the second of the programs as required by the Alberta Safety Codes Act and Research will be supplied to the safety Codes Act and Research will be supplied to the safety Codes Act and Research will be supplied to the safety Codes Act and Research will be supplied to the safety Codes Act and Research will be supplied to the safety Codes Act and Research will be supplied to the safety Codes Act and Research will be supplied to the safety Codes Act and Research will be supplied to the safety Codes Act and Research will be supplied to the safety Codes Act and Research will be supplied to the safety Codes Act and Research will be supplied to the safety Codes Act and Research will be supplied to the safety Codes Act and Research will be supplied to the safety Codes Act and Research will be supplied to the safety Codes Act and Research will be supplied to the safety Codes Act and Research will be supplied to the safety Codes Act and Research will be supplied to the safety Codes Act and Research will be supplied to the safety Codes Act and Research will be supplied to the safety Codes Act and the safety Codes Act	gulations in the Boiler Discipline.



14th Floor, Centre Tower 3300 Sloor Street West Toronto, Ontario Canada M8X 2X4 Tel.: 416.734.3300 Fax: 416.231.1626 Toll Free: 1.877.682.8772

www.tssa.org

September11, 2012

DAVID BRAY ENGINEERED CONTROLS INTERNATIONAL LLC 3181 LEAR DR BURLINGTON NC 27215 US

Service Request Type.: BPV-National CSA

Service Request No.: 816574

Your Reference No.: CAT C FITTING - CATALOG CG-500 - NAT'L SERV.

Registered to.: ENGINEERED CONTROLS INTERNATIONAL LLC

Dear DAVID BRAY,

Please find enclosed the original response from QC,SK, registered under the CRN No.: CSA-0C15296.56.

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



TECHNICAL STANDARDS & SAFETY AUTHORITY
14th Floor, Centre Tower

14th Floor, Centre Tower 3300 Bloor Street West Toronto, Ontario Canada M8X 2X4 Show facsimile of manufacturer's logo or trademark, as it will appear on the fitting, in the space below

STATUTORY DEC		
Registration of F	ittings	
, _David Bray, Materials Engineer		
(Name and Position, e.g. President, Plant Manag	er, Chief Engineer)	
of Engineered Controls International, LLC		
(Name of Manufacturer)	*	
Located at 3181 Lear Drive, Burlington, NC 27215, USA	(336) 449-7707	(336) 449-6594
(Plant Address)	(Telephone No.)	(Fax No.)
do solemnly declare that the fittings listed hereunder, which are subject and Pressure Vessels Regulation, comply with all of the requirements ASME B31.3		s and Safety Act, Boilers
(Title of recognized North American Stand Which specifies the dimensions, materials of construction, pressure/temperature	dard) e ratings, identification marking	the fittings and service;
or are not covered by the provisions of a recognized North American sta	which identifies the dimension	s, material of construction.
pressure/temperature ratings and the basis for such ratings, the marking o	f the fitting for identification a	and service.
I further declare that the manufacture of these fittings is controlled by a quality sys	stem meeting the requiremen	nts of ISO 9001:2008
which has been verified by the following authority, UL DQS Inc.		,
The items covered by this declaration, for which I seek registration, are category C		type fittings. In support of
this application, the following information and/or test data are attached as follows: Catalog CG-500		
(drawings, calculations, test reports, et	tc.)	
Declared before me at E. J	ac	Joseph Caroll
day of AD 20	OFFICIAL SE, PATRICIA T. HI "Stary Public - North	Corollo B
ommissioner for Oaths:	ly Commission Ex	NTY piros
(Printed name)	Javes Bry	and the second
(Signature)	(Signature of Dec	larer)
FOR OFFICE USE ONLY	A	
the best of my knowledge and belief, the application meets the requirements of the		
echnical Standards and Safety Act, Boilers and Pressure Vessels Regulation, and	CSA INTE	RNATIONAL
A Standard B51 and is accepted for registration in Category	REGISTERED	
RN: <u>CSA-OCI53.96.56</u>	C.R.N.: CSA -C	C15296.56*
gistered by: Bukramyit S. Sandhy P.by	Signed: Bibram	ut Sandly
ted: 04 July 2012		ly 2012
TE: This registration expires 60 MVIII 22, 2022	178 Rexdale Bivd., Tr	pronto, ON M9W 183 I



TECHNICAL STANDARDS & SAFETY AUTHORITY

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

Show facsimile of manufacturer's logo or trademark, as it will appear on the fitting, in the space below

STATUTORY	DECLARATION	
Registrat	tion of Fittings	
David Bray, Materials Engineer		N
(Name and Position, e.g. President,	Plant Manager, Chief Engineer)	
of Engineered Controls International, LLC		
(Name of Mar	nufacturer) »	
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or are not covered by the provisions of a recognized North Aras supported by the atta pressure/temperature ratings and the basis for such ratings, the	ached data which identifies the dimension	s, material of construction,
I further declare that the manufacture of these fittings is controlled by which has been verified by the following authority, U	a quality system meeting the requiremer L DQS Inc.	nts of ISO 9001:2008
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(drawings, calculations,	test reports, etc.)	-
Declared before me at ELD	n the slate o	North Carol,
theday ofAD 20	OFFICIAL SE PATRICIA T. H	ILL B
Commissioner for Oaths:	My Commission E	xpires 6
Potricia de Acel	Daved Bry	Harding of the St.
(Signature)	(Signature of Dec	clarer)
FOR OFFICE U	SE ONLY	
To the best of my knowledge and belief, the application meets the require		
Technical Standards and Safety Act, Boilers and Pressure Vessels Rep	gulation, and	
CSA Standard 65 raind is accepted for registration in Category	•	
CRN: (C15)216.54		
Registered by:		
Dated: July 10, 2018		
NOTE: This registration expires on MAY 22, 2022		



Colleen Anne Retellff, a Commissioner, etc., City of Toronto, for the Technical Standards & Safety Authority. Expires July 24, 2013.



TECHNICAL STANDARDS & SAFETY AUTHORITY

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

Show facsimile of manufacturer's logo or trademark, as it will appear on the fitting, in the space below

STATUTORY DEC		
Registration of I	Fittings	
, David Bray, Materials Engineer		
(Name and Position, e.g. President, Plant Mana	ger, Chief Engineer)	
of Engineered Controls International, LLC		
(Name of Manufacturer)	بر	
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or are not covered by the provisions of a recognized North American st		
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(drawings, calculations, test reports,	etc.)	,
Declared before me at ELD in the	Tate	Joth Carol
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TUNCIA OF YELL	Cave of	
(Signature)	(Signature of De	ciarer)
FOR OFFICE USE ONL	- 44	A A STORE
To the best of my knowledge and belief, the application meets the requirements of the		ST.
Fechnical Standards and Safety Act, Boilers and Pressure Vessels Regulation, a	nd CSA INTE	RNATIONAL
CSA Standard B51 and is accepted for registration in Category	REGISTERED	
CRN:	C.R.N.: CSA -C	DC15296.56*
Registered by: Bukramyit S. Sandling P. Bry	Signed: Bikran	JC 15296.56"
lated: 04 July 2012	Date: 04 0	
		Toronto, ON M9W 1R3
OTE: This registration equipmed (Y/C::) 27 2 (22)	Bridge Control of the	

PRINCE EDWARD ISLAND NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

NOVA SCOTIA YUKON

NEW BRUNSWICK NUNAVUT

MANUFACTURERS NAME: Engineered Controls International, LLC	
MANUFACTURERS ADDRESS: 3181 Lear Drive, Burlington, NC 27215, USA	
PLANT LOCATIONS: 3181 Lear Drive, Burlington, NC 27215, USA	
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 pressure transmitters G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on	ASME B31.3
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
	FORGED WELDED WROUGHT CAST OTHER DESCRIBE OTHER:
Goddard	
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REC	RETEREN.
	SISTERED.
Bronze Valves: 202, 222, 226, 302, 306, 310, 322, 326, 840,	
846 Series. Valves may contain letter suffixes	1:
Stainless Steel Valves: 110, 210, 231, 232, 886 Series. Valves may contain	letter suffixes
Supporting information from CG-500 Catalog	100
DECLARATION: David Bray (see note 3) employed by ECI, LLC and being	
responsibility for the quality of the end product do solemnly declare that the information contained in my knowledge represents the product for which registration is sought. The dimensions, materials of temperature ratings, and identification markings are in accordance with the herein named standard manufacture of these fittings is regulated by a Quality Control Program which extends to each plant or in part and has been verified by UL DOS Inc. as being stillable for that declaration conscientiously believing it to be true, and knowing that it is of the same force and effect	n this form is true and to the best of of or construction, pressure s. I further declare that the where fabrication occurs in whole curbose and finake this solemn
Signature of Declarer: Dovid Dovid Dovid Dovid September 1 September 1 September 2 Septemb	OFFICIAL SEAL PATRICIA T. HILL NOTARY Public - North Carolini A ALAMANCE COUNTY A My Commission Expires
(Affix Official seal to the right) This space for Regulatory Authority use	35 kg 1 7 X
This registration must be revalidated after ten (10) years from the date property	oeptance.
CRN: 0C15296.5	EDSURF VESSEL ACT
FID#: 14214 CRN /	TRATION ONLY
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.	for Case Toler INSPECTOR 108/2012 PVe
TITINGS	COMPONENTS

	NEW BRUNSWICK NUNAVUT	NOVA SCOTIA YUKON	PRINCE EDWARD ISLAND NORTHWEST TERRITORIES	NEWFOUNDLAND AND LABRADOF
٠.	MANUFACTURERS NAME:	Produced Co.	1. I	
	MANUFACTURERS ADDRESS:		trols International, LLC	The state of the s
	ELANDI INC.	3 X 0 7 ELGH, 1311 V 0,	Burlington, NC 27215, USA	
1,1.5	, 510		gton, NC 27215, USA	
1			D. CIRCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCT
	A Pipe fittings, including coupling B Flenges: all flanges	e, tees, elbows, Ys, plug	s, unions, pipe cape, or reducers	
•	C Valves: all line valves			1:
12	D Expension joints, flexible conne E Strainers, filtors, separators, and	ctions, and hose assemb	iles: all types .	1
-	.F Measuring devices, including pre	esure gauges, level gau	ges, elaht alasses, levels, or	ASME B31.3
	pressure transmitters			ANDINIE BS1.3
	poliers, pressure vessels, pipino	and fusible plugs	e as primary over pressure protection on	
	H Pressure retaining components t	hat do not fall into one of	the above categories	
	N Nuclear components: Class 1 🗆	Class 2 🗆 Class 3 🗖,	(Meeting AECB or ASME requirements)	
ł	SHOW MANUFACTURERS NAME,	TRADEMARK, OR LOG	O AS IT WILL APPEAR ON THE PRODUCT	IYPE OF CONSTRUCTION
		•		FORGED D WELDED D WROUGHT D'
1	G 11 1		1	DESCRIBE OTHER:
- 1	Goddard			
-	1400			
1			ATION OF THE ACTUAL ITEMS TO BE REGIS	STERED:
	Bronze Valves: 202, 222	2, 226, 302, 306, 3	10, 322, 326, 840,	ie .
.	846 Se	ries. Valves may	contain letter suffixes	·
- 1				
	Stainless Steel Valves: 1	10, 210, 231, 232,	886 Series. Valves may contain let	tter suffixes
	Supporting information fr	om CG-500 Catalo	og	
-	W.M. 4.		<u> </u>	
	CLARATION:		ECI, LLC and being th	
	ponelblilty for the quality of the en	geensie sj. erripioyed by_ d product do solemniv	declare that the information contained in t	pe person having full authority and
· my	knowleage represents the produc	t for which registration	is sought. The dimensions materials of a	Anetruction property
tem	perature ratings, and identification	r markinga ara in acco	rdance with the herein named standards. I	further dealers that the
man	part and has been verified by (ted by a Quality Contr	ol Program which extends to each plant w	here fabrication occurs in whole
deci	aration conscientiously believing	t to be true, and know	Ing that it is of the same force and effect a	pose and make this solemn
	0 0		The state of the same of the s	
Sign	ature of Declarer:	(grup +	774	OFFICIAL SEAL PATRICIA T. HILL
Deck	ared before me at Elan	Worth Bo	10 len Us El Billiago P	Josan Public North Carolling !
This	1 ST day of a DV	AD ADI	P WE THINK	APARANCE COUNTY APARANCE COUNT
	M	, -		TETET TO A
or No	niesioner of Oaths tary Public: (sign)	UCO 1013	HIII The same	
	. , , , , , , , , , , , , , , , , , , ,	lal seal to the right)	William Annual Control of the Contro	Many Strategic Comments of the Strategic Com
			or Regulatory Authority use	
	This registration		after ten (10) years from the date of accep	tance
			PRESS	UR
CRN	0015296.5		E.P. NOVASCOT	
EID#	14214		.WASON	~ \sightarrow \
FILM	14214		Date June &	1/12 (5)
		- 0	-	
Notes:	fittings shall be registered in the name	of the Manufacturer	I.R.N. OC 15396	. 58
2. Eac	ch category shall be supported with tw	o Statutory Declaration	2 ! - ! !	
forms i	and one copy of supporting document	ation	Dwg. as descre	bed
respon	deplaration shall be made by the per- sibility for the quality of the end produc	son naving full authority b et.	Signed warne	P
4. Qua	ilty control programs shall be resubmi	tted for validation	Signed Judge	I exi
at a ma	ximum interval of five (5) years.		(PC) 1 of	1 3
			Port	1.0
			REGUL	

NOVA SCOTIA

NEW BRUNSWICK

NEW BRUNSWICK NUNAVUT	NOVA SCOTIA YUKON	PRINCE EDWARD ISLAND NORTHWEST TERRITORIES	NEWFOUNDLAND AND LABRADOR
MANUFACTURERS NAME:	Engineered Contro	ls International, LLC	
MANUFACTURERS ADDRES		urlington, NC 27215, USA	
PLANT LOCATIONS: 3	181 Lear Drive, Burlingt		
		· CIRCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION
A Pipe fittings, including couple B Flanges: all flanges C Veives: all line valves D Expansion Joints, flexible con E Strainers, filters, separators, F Measuring devices, including pressure transmitters	ings, lees, elbows, Ys, plugs, in a common sections, and hose assemblie and steam traps	unions, pipe caps, or reducers . s: all types	ASME B31.3
	ing and fusible plugs	as primary over pressure protection on e above categories	2
N Nuclear-components: Class 1	□ Class 2 □ Class 3 □, (N	Meeting AECB or ASME requirements)	
GOD MANUFACTURERS NAM Goddard	E, TRADEMARK, OR LOGO	AS IT WILL APPEAR ON THE PRODUCT	TYPE OF CONSTRUCTION FORGED WELDED WROUGHT CAST OTHER DESCRIBE OTHER:
IST OF SUPPORTING DOCUME	NTATION AND IDENTIFICA	TION OF THE ACTUAL ITEMS TO BE RE	GISTERED.
Bronze Valves: 202, 2		0, 322, 326, 840,	
Stainless Steel Valves:	110, 210, 231, 232, 8	86 Series. Valves may contain	letter suffixes
Supporting information	from CG-500 Catalog	5	
consibility for the quality of the knowledge represents the properature ratings, and identification and has been verified by a part and has been verified by a ration conscientiously believing the properature of Declarer: ared before me at a day of day o	end product do solemnly of duct for which registration in ation markings are in accordulated by a Quality Control DOS TAC ng it to be true, and knowled to be true, and knowled to be true.	ECT, LLC and being declare that the information contained it is sought. The dimensions, materials of dance with the herein named standard of Program which extends to each plant as being suitable for that as being suitable for that it is of the same force and effect in the same	n this form is true and to the best of of construction, pressure s. I further declare that the where fabrication occurs in whole the post and Finake this solemn tas if made under oath. OFFICIAL SEAL PATRICIA T. HILL Notary Public - North Caroling ALAMANCE COUNTY A My Commission Expires
	This space for	Regulatory Authority use	
This registr	ation must be revalidated a	after ten (10) years from the date of ac	EPFEB
:OC15296.5			CE EDWARD ISLAND ABOUR & JUSTICE
: 14214		,	18: 19
: fittings shall be registered in the n	significant si	C.R.N. OCIS. DATE: U	276.57

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS					
NEW BRUNSWICK	NOVA SCOTIA	PRINCE EDWARD ISLAND	NEWFOLINDI AND AND LARR		

NEW BRUNSWICK NUNAVUT	NOVA SCOTIA YUKON		DWARD ISLAND EST TERRITORIES	NEWFOUNDLAND AND LABRA	DOR
MANUFACTURERS NAME:	Engineered Contr	rols Internation	al LLC		
MANUFACTURERS ADDRESS:					
PLANT LOCATIONS: 318	Lear Drive, Burling				
	NGS TO BE REGISTERED			ITILE OF THE STANDARD OF CONST.	PUCTION
A Pipe fittings, including coupling					ANNITED .
B Flanges: all flanges	iv, 603, Clouws, 13, plugs,	, umons, pipo oups	, or radioals		1
C Voives: all line valves	odiana and base second			1	. 1
D Expansion joints, flexible conne E Strainers, filters, separators, an	iotions, and nose assembli d steam traps	ilea: all typos			1
.F Measuring devices, including pr	essure gauges, level gaug	ges, sight glasses,	levels, or	ASME B31.3	- 1
pressure transmitters G Certified capacity-rated pressure	n relief devices necestable	e as admary over a	rassure protection on		- 1
boilers, pressure vessels, piping	and fusible plugs		200,750,650,00 (100,000,000,000,000,000,000,000,000,000	1	- 1
H Pressure retaining components					1
N Nuclear components: Class 1					
SHOW MANUFACTURERS NAME.	TRADEMARK, OR LOGI	AS IT WILL APP	EAR ON THE PRODUCT	TYPE OF CONSTRUCTION -	,]
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Goddonia				DESCRIBE CIMEN:	- 1
Goddard				×	- 1
LIST OF SUSPENDENIA POPULATION					
LIST OF SUPPORTING DOCUMEN				318TERED;	
Bronze Valves: 202, 22	2, 226, 302, 306, 37	10, 322, 326, 1	840,		
846 S	cries. Valves may c	contain letter	suffixes		1
					-
Stainless Steel Valves: 1	10, 210, 231, 232,	886 Series. V	alves may contain l	letter suffixes	- 1
				3	- 1
Supporting information f	rom CG-500 Catalo	oğ		×	1
ECLARATION:					
David Bray	Jees inote 3) employed by_	ECI. 14	C and baing	the person having full authority	and
ponsibility for the quality of the e	nd product do solemnly	declare that the	information contained Ir	this form is true and to the bes	t of
knowledge represents the produ	ct for which registration	is sought. The	dimensions, materiais ó	f construction, pressure	
perature ratings, and identification					
nufacture of these fittings is regul n part and has been verified by_!		roi Program Wnic	n extends to each plant	where tablication occurs in who	ie
leration conscientiously believing	It to be true, and know	ing that it is of th	e same force and effect	as if made under oath.	
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nature of Declarer:	(3m) +	177+1		PATRICIA T. HILL	. •
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and one copy of supporting documen	station.		Signed _/	177	l
e declaration shall be made by the pe		and		f Inspector	
naibility for the quality of the end prod railty control programs shall be resubt		L	- 9/10	· · · · · · · · · · · · · · · · · · ·	I
aximum interval of five (5) years.			The section of a second	- d	75
			remitorial R	Registration Fee \$	
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	NEW BRUNSWICK NUNAVUT	NOVA SCOTIA YUKON	PRINCE EDWARD ISLAND NORTHWEST TERRITORIES	NEWFOUNDLAND AND LABRADOR		
	MANUFACTURERS NAME:	Engineered Cont	rols International, LLC			
Ÿ	MANUFACTURERS ADDRESS	Brighteered Cont	Burlington, NC 27215, USA			
*						
	PLANT LOCATIONS: 318	1 Lear Drive, Burlin	gton, NC 27215, USA	TITLE OF THE RTANDARD OF CONSTRUCTION		
			D. CIRCLE ONE CATEGORY ONLY	. The state of solid addition		
	A Pipe fittings, including coupling	gs, toes, cibows, Yc, plugi	, unions, pipo cape, or reducers	1		
	B Flanges: all flanges C Valves: all line valves					
	D Expansion joints, flexible conn.	octions, and hose assemb	lloo: all types	1 1 1		
	E Strainers, filtors, separators, as F Messuring devices, including p	nd steam traps	den sight sineses lavels or.	ASME B31.3		
	pressure frenemittera		6	TIDING DOI:		
	G Cortified capacity-rated pressur	re ralief devices acceptabl	o as primary over pressure protection on	* * · · · · · · · · · · · · · · · · · ·		
	bollere, preseure vossels, pipin	g and fualblo plugs	the characteristics			
1	H Pressure relaining components	that do not tall into one of	(Ne apply AECS of ACMC socilements)			
	N Nuclear components: Class 1 L	TEAREMARK OR OR	(Meeting AECS or ASME requirements) * O AS IT WILL APPEAR ON THE PRODUCT	TYPE OF CONSTRUCTION		
1	SHOW MANUFACTURERS NAME	TRADEMARN, ORU, OG	DAB II WILL BY FLAN DIN THE THOUGHT	FORBED WELDED WROUGHT D		
				DESCRIBE OTHER:		
	6 11			*		
	Goddard		e 3.	•		
1	LIST OF SUPPORTING DOCUMEN	TATION AND IDENTIFIC	ATION OF THE ACTUAL ITEMS TO BE REC	SISTERED:		
	Bronze Valves: 202, 22	22, 226, 302, 306, 3	10, 322, 326, 840,			
			contain letter suffixes			
				i i		
1	Stainless Steel Valves	110 210 231 232	886 Series. Valves may contain I	etter suffixes		
	Brainiess Breef varves.	110, 210, 231, 232,	600 borios. Varvos may comunis	·		
	D	"				
	Supporting information:	from CG-500 Cara	og			
DE	CLARATION:			. ,		
1 7	David Real	(see inote 3) employed by	ECI, LLC and being	the person having full authority and		
100	nonelhillty for the quality of the	and product do solemni	v decigre that the information contained b	this form is true and to the best of		
VIT	knowledge concessors the produ	uct for which registration	n is sought. The dimensions, materials of	construction, pressure		
am	emperature ratings, and Identification markings are in accordance with the herein named standards. I further declare that the named standards of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole					
ner	nufacture of these fittings is regu	ilated by a Quality Con	trol Program which extends to each plant	where raprication occurs in whole		
r Ir	n part and has been verified by	Or Das Tr	wing that it is of the same force and offect	as if made under cath		
lec.	laration conscientiously bollovin	g it to be true, and kno	wind fuel it ie of the daily of the daily due			
ine	nature of Declarer:	Buy.	DTH A	OFFICIAL SEAL PATRICIA T, HILL		
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	otary Public: (sign)	rica Vi	Help	and the same of th		
	(Affix O	fficial seal to the right)	THE PROPERTY OF THE PROPERTY O	A STATE OF CASE OF CAS		
		This space	for Regulatory Authority use			
	This registra	tion must be revalidate	d after ton (10) years from the date of acc	eptanse		
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	ii fillings shall be registered in the na ach calegory shall be supported with		UNDER TH	E AUTHORITY OF		
rme	and one copy of supporting docum	entation.	I THE BOILE	R AND PRESSURE		
Th	ne declaration shall be made by the	person having full authorit	y and VES	SEL ACT.		
spo	neibilly for the quality of the end pro	oduct.	C.R.N. OCC	5296.57		
	iality control programs shall be resultable interesting the series.	nituren tot severation	m	Men Bon 1		
4 11	a maximum interval of tive (b) years.					
	DATE SIDE STATES					
	6.					

NEW BRUNSWICK NUNAVUT	NOVA SCOTIA YUKON	PRINCE EDWARD ISLAND NORTHWEST TERRITORIES	NEWFOUNDLAND AND LABRADOR	
MANUFACTURERS NAME	Engineered Contr	ols International, LLC		
MANUFACTURERS ADDR		Burlington, NC 27215, USA		
PLANT LOCATIONS:	3181 Lear Drive, Burling			
		CIRCLE ONE CATEGORY ONLY	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	unions, pipe caps, or reducers		
pressure transmitters		es, sight glasses, levels, or as primary over pressure protection on	ASME B31.3	
	ents that do not fall into one of	he above categories		
		(Meeting AECB or ASME requirements)		
SHOW MANUFACTURERS N.	AME, TRADEMARK, OR LOGO	DAS IT WILL APPEAR ON THE PRODUCT	TYPE OF CONSTRUCTION FORGED D WELDED D WROUGHT D CAST D OTHER D DESCRIBE OTHER:	
Goddard	*		:	
LIST OF SUPPORTING DOCL	MENTATION AND IDENTIFICA	ATION OF THE ACTUAL ITEMS TO BE RE	GISTERED:	
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	6 Series. Valves may		:	
Stainless Steel Valve	es: 110, 210, 231, 232,	886 Series. Valves may contain	letter suffixes	
Supporting informati	on from CG-500 Catalo	og		
responsibility for the quality of my knowledge represents the part temperature ratings, and identify manufacture of these fittings is or in part and has been verified declaration conscientiously belication conscientiously belication conscientiously belication conscientiously belication conscientiously belication conscientiously belication conscientions of Declarer day of Commissioner of Oaths or Notary Public: (sign)	the end product do solemnly product for which registration fication markings are in according to the policy of the product of the produc	ECT, LLC and being declare that the information contained its sought. The dimensions, materials or dance with the herein named standard for Program which extends to each plan ing that it is of the same force and effecting that it is of the	in this form is true and to the best of of construction, pressure is. I further declare that the twhere fabrication occurs in whole but oos and imake this solema:	
This registration must be revalidated after ten (10) years from the date of acceptance.				
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CRN: 0C15296.5		Lawn		
FID#: 14214		BY J	The second of th	
Notes: 1. All fittings shall be registered in the content of the supported forms and one copy of supporting do content of the declaration shall be made by responsibility for the quality of the end. Quality control programs shall be at a maximum interval of five (5) year	with two Statutory Declaration cumentation. the person having full authority diproduct. resubmitted for validation	and CRNS	6/8/12 ERS BRANCE	
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