



345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel.: 416.734.3300
Fax: 416.231.1626
Toll Free: 1.877.682.8772

www.tssa.org

February 23, 2024

CLARK COOPER DIV., MAGNATROL VALVE CORP.
941 HAMILTON AVE
ROEBLING NJ 08554

Workorder Type: Registration - Fitting(Conventional)
Workorder No: 14228041
Your Reference No.: RENEWAL OF CRN#0C16300.5
Registered to: CLARK COOPER DIV., MAGNATROL VALVE CORP.

Dear SERGE BOCHNOVICH,

Technical Standards and Safety Authority (TSSA) is pleased to inform you that your submission has been reviewed and registered as follows:

CRN : 0C16300.5R3

Main Design No.: scope of registration

Expiry Date: Feb 23, 2034

Please be advised that a valid quality control system must be maintained for the fitting registration to remain valid until the expiry date.

Code of Construction: B16.34 - 2020, ASME Sec VIII-I 2021 Ed

- Valves shall be identified by manufacturer's logo or trademark as shown on the drawings

The stamped copy of the approved registration and the invoice are mailed separately (There will be no hard copies for electronic submissions). Should you have any questions or require further assistance, please contact a Customer Service Advisor at 1.877.682.TSSA (8772) or e-mail customerservices@tssa.org. We will be happy to assist you. When contacting TSSA regarding this file, please refer to the Service Request number provided above.

Yours truly,

Hammad Wasif , M.Eng., P.Eng.
Engineer, BPV
Tel. : +1 416-734-3441
Email : hwasif@tssa.org


UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

New Brunswick
Nunavut

Nova Scotia
Yukon

Prince Edward Island
Northwest Territories

Newfoundland and Labrador

Manufacturers Name: Clark Cooper Division, Magnatrol Valve Corporation	
Manufacturers Address: 941 Hamilton Avenue, Roebling NJ 08554	
Plant Locations:	
<p>Category of Fittings to be registered. Circle one Category only</p> <p>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 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 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting CNSC or ASME requirements)</p>	<p>Title of the Standard of Construction</p> <p>ASME B16.34 ASME Boiler & Pressure Vessel Code, Section VIII, Div 1</p>
<p>Show Manufacturers Name, Trademark, or Logo as it will appear on the product</p> 	<p>Type of Construction</p> <p>Forged <input type="checkbox"/> Welded <input type="checkbox"/> Wrought <input type="checkbox"/> Cast <input checked="" type="checkbox"/> Other <input type="checkbox"/> Describe other:</p>
<p>List of supporting documentation and identification of the actual items to be registered:</p> <p>Calculations and drawing are being provided with this submission to renew CRN 0C16300.5</p>	

Declaration:

I, Serge Bochnovich (see note 3) employed by Clark Cooper Division 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 Intertek Testing Services NA, Inc 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: S. Bochnovich

Declared before me at Clark Cooper, NJ

This 19th day of January AD 2024

Commissioner of Oaths

Or Notary Public: (sign) [Signature]

(Affix Official seal to the right)

Chryssa S. Wilson
Notary Public for the Official Seal
Comm. #2429800
Commission Expires 2/7/2028

<p align="center">This space for Regulatory Authority use.</p> <p align="center">This registration must be revalidated after ten (10) years from the date of acceptance.</p>	
<p>CRN: <u>0C16300.5 Rev3</u></p> <p>FID#: <u>14967</u></p> <p>Notes:</p> <ol style="list-style-type: none"> 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. 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. <p>11/2016</p>	<p align="center">ACCEPTED</p> <p align="center">PROVINCE OF PRINCE EDWARD ISLAND</p> <p align="center">COMMUNITIES, LAND & ENVIRONMENT</p> <p>CRN: <u>0C16300.59 Rev3</u></p> <p>DATE: <u>March 22 2024</u></p> <p><u>[Signature]</u> INSPECTION SERVICES SECTION BOILER/PRESSURE VESSEL BRANCH</p> <p align="right">Sect 1.0 - Fittings Rev.2</p>


UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

New Brunswick
Nunavut

Nova Scotia
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Prince Edward Island
Northwest Territories

Newfoundland and Labrador

Manufacturers Name: Clark Cooper Division, Magnatrol Valve Corporation	
Manufacturers Address: 941 Hamilton Avenue, Rosbling NJ 08554	
Plant Locations:	
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<p>Show Manufacturers Name, Trademark, or Logo as it will appear on the product</p> 	<p>Type of Construction</p> <p>Forged <input type="checkbox"/> Welded <input type="checkbox"/> Wrought <input type="checkbox"/> Cast <input type="checkbox"/> Other <input type="checkbox"/> Describe other:</p>
<p>List of supporting documentation and identification of the actual items to be registered:</p> <p>Calculations and drawing are being provided with this submission to renew CRN 0C16300.5</p>	

Declaration:

I, Serge Bochnovich (see note 3) employed by Clark Cooper Division 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 Intertek Testing Services NA, Inc 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: Sr Bochnovich
Declared before me at Clark Cooper, NJ
This 19th day of January AD 2024
Commissioner of Oaths
Or Notary Public: (sign) [Signature]
(Affix Official seal to the right)

Chryssa S. Wilson
Notary Public for the Official Seal
Comm. #2428800
Commission Expires 2/7/2028

<p>This space for Regulatory Authority use.</p> <p>This registration must be revalidated after ten (10) years from the date of acceptance.</p> <p>CRN: <u>0C16300.5 Rev3</u></p> <p>FID#: <u>14967</u></p> <p>Notes:</p> <ol style="list-style-type: none"> 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. 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. <p>11/2016</p>		<p>NOVA SCOTIA</p> <p>Date <u>March 22/24</u></p> <p>C.R.N. <u>0C16300.58 Rev.3</u></p> <p>Dwg. <u>as described</u></p> <p>Signed <u>[Signature]</u></p> <p><u>1</u> of <u>1</u> Part</p> <p>Seal 1.0 - Fittings Rev.2</p>
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UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

New Brunswick
Nunavut

Nova Scotia
Yukon

Prince Edward Island
Northwest Territories

Newfoundland and Labrador

Manufacturers Name: Clark Cooper Division, Magnatrol Valve Corporation	
Manufacturers Address: 941 Hamilton Avenue, Roebling NJ 08554	
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 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 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 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting CNSC or ASME requirements)	Title of the Standard of Construction ASME B16.34 ASME Boiler & Pressure Vessel Code, Section VIII, Div 1
Show Manufacturers Name, Trademark, or Logo as it will appear on the product 	Type of Construction Forged <input type="checkbox"/> Welded <input type="checkbox"/> Wrought <input type="checkbox"/> Cast <input checked="" type="checkbox"/> Other <input type="checkbox"/> Describe other:
List of supporting documentation and identification of the actual items to be registered: Calculations and drawing are being provided with this submission to renew CRN 0C16300.5	

Declaration:

I, Serge Bochnovich (see note 3) employed by Clark Cooper Division 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 Intertek Testing Services NA, Inc 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: Serge Bochnovich

Declared before me at Clark Cooper, NJ

This 19th day of January AD 2024

Commissioner of Oaths

Or Notary Public: (sign) [Signature]

(Affix Official seal to the right)

Chryssa S. Wilson
Notary Public of New Jersey
Comm. #2429816
Commission Expires 2/7/2028
Nouveau Brunswick

DEPT OF JUSTICE PUBLIC SAFETY
BOILER & PRESSURE VESSEL ACT

REGISTRATION ONLY

CRN 0C16300.57 Rev3

[Signature]
CHIEF BOILER INSPECTOR

DATE 3/22/24

Sect 1.0 - Fittings Rev.2

☐ BLRs ☐ PVs

☒ FITTINGS ☐ NUCLEAR COMPONENTS

CRN: 0C16300.5 Rev3

FID#: 14967

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.

11/2016


UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

New Brunswick
Nunavut

Nova Scotia
Yukon

Prince Edward Island
Northwest Territories

Newfoundland and Labrador

Manufacturers Name: Clark Cooper Division, Magnastrol Valve Corporation	
Manufacturers Address: 841 Hamilton Avenue, Rosbling NJ 08554	
Plant Locations:	
<p>Category of Fittings to be registered. Circle one Category only</p> <p>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 boilers, pressure vessels, piping and fusible plugs H Pressure retaining components that do not fall into one of the above categories</p> <p>N Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting CNSC or ASME requirements)</p>	<p>Title of the Standard of Construction</p> <p>ASME B16.34 ASME Boiler & Pressure Vessel Code, Section VIII, Div 1</p>
<p>Show Manufacturers Name, Trademark, or Logo as it will appear on the product</p> 	<p>Type of Construction</p> <p>Forged <input type="checkbox"/> Welded <input type="checkbox"/> Wrought <input type="checkbox"/> Cast <input type="checkbox"/> Other <input type="checkbox"/> Describe other:</p>
<p>List of supporting documentation and identification of the actual items to be registered:</p> <p>Calculations and drawing are being provided with this submission to renew CRN 0C16300.5</p>	

Declaration:

I Serge Bochnovich (see note 3) employed by Clark Cooper Division 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 Intertek Testing Services NA, Inc 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: Serge Bochnovich
 Declared before me at Clark Cooper, NJ
 This 14th day of January AD 2024
 Commissioner of Oaths [Signature]
 Or Notary Public: (sign) [Signature]
 (Affix Official seal to the right)

Chryssa S. Wilson
 Notary Public of New Jersey
 Comm. #2428800
 Commission Expires 2/7/2028

<p align="center">This space for Regulatory Authority use.</p> <p align="center">This registration must be revalidated after ten (10) years from the date of acceptance.</p>	
<p>CRN: <u>0C16300.5 Rev3</u></p> <p>FID#: <u>14967</u></p> <p>Notes:</p> <ol style="list-style-type: none"> 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. 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. <p>11/2016</p>	<p align="center">Newfoundland and Labrador</p> <p>Registered <u>0C16300.50 Rev3</u> Date <u>March 28, 2024</u> Engineering and Inspection Services Registered by <u>[Signature]</u> UNDER THE AUTHORITY OF THE PUBLIC SAFETY ACT AND THE BOILER, PRESSURE VESSEL AND COMPRESSED GAS REGULATIONS</p> <p align="right">Sect 1.0 - Fittings Rev.2</p>


UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

New Brunswick
Nunavut

Nova Scotia
Yukon

Prince Edward Island
Northwest Territories

Newfoundland and Labrador

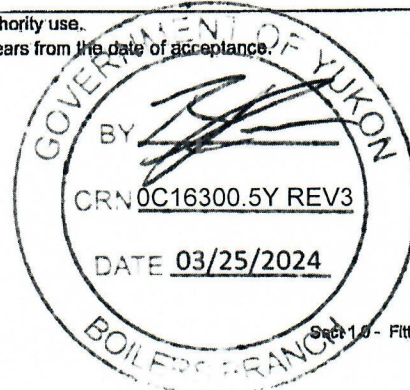
Manufacturers Name: Clark Cooper Division, Magnatrol Valve Corporation	
Manufacturers Address: 941 Hamilton Avenue, Roebling NJ 08554	
Plant Locations:	
<p>Category of Fittings to be registered. Circle one Category only</p> <p>A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe 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 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 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting CNSC or ASME requirements)</p>	<p>Title of the Standard of Construction</p> <p>ASME B16.34 ASME Boiler & Pressure Vessel Code, Section VIII, Div 1</p>
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Signature of Declarer: Serge Bochnovich
 Declared before me at Clark Cooper, NJ
 This 19th day of January AD 2024
 Commissioner of Oaths [Signature]
 Or Notary Public: (sign [Signature])
 (Affix Official seal to the right)

Chryssa S. Wilson
 Notary Public of New Jersey
 Comm. #2429800
 Commission Expires 2/7/2028

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UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

New Brunswick
Nunavut

Nova Scotia
Yukon

Prince Edward Island
Northwest Territories

Newfoundland and Labrador

Manufacturers Name: Clark Cooper Division, Magnatrol Valve Corporation	
Manufacturers Address: 941 Hamilton Avenue, Rosbling NJ 08854	
Plant Locations:	
<p>Category of Fittings to be registered. Circle one Category only</p> <p>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 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 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting CNSC or ASME requirements)</p>	<p>Title of the Standard of Construction</p> <p>ASME B16.34 ASME Boiler & Pressure Vessel Code, Section VIII, Div 1</p>
<p>Show Manufacturers Name, Trademark, or Logo as it will appear on the product:</p> 	<p>Type of Construction</p> <p>Forged <input type="checkbox"/> Welded <input type="checkbox"/> Wrought <input type="checkbox"/> Cast <input checked="" type="checkbox"/> Other <input type="checkbox"/> Describe other:</p>
<p>List of supporting documentation and identification of the actual items to be registered:</p> <p>Calculations and drawing are being provided with this submission to renew CRN 0C16300.5</p>	

Declaration:

I, Serge Bozhovitch (see note 3) employed by Clark Cooper Division 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 Intertek Testing Services NA, Inc 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: Serge Bozhovitch

Declared before me at Clark Cooper, NS

This 19th day of January AD 2024

Commissioner of Oaths

Or Notary Public: (sign) [Signature]

(Affix Official seal to the right)

Chryssa S. Wilson
 Notary Public of New Brunswick
 Comm. #2429800
 Commission Expires 2/7/2028

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UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

New Brunswick
Nunavut

Nova Scotia
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Newfoundland and Labrador

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<p>Show Manufacturers Name, Trademark, or Logo as it will appear on the product</p> 	<p>Type of Construction</p> <p>Forged <input type="checkbox"/> Welded <input type="checkbox"/> Wrought <input type="checkbox"/> Cast <input type="checkbox"/> Other <input type="checkbox"/> Describe other:</p>
<p>List of supporting documentation and identification of the actual items to be registered:</p> <p>Calculations and drawing are being provided with this submission to renew CRN 0C16300.5</p>	

Declaration:

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Signature of Declarer: S. Bochnowich

Declared before me at Clark Cooper, NS

This 19th day of January AD 2024

Commissioner of Oaths

Or Notary Public: (sign) [Signature]

(Affix Official seal to the right)

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Chryssa S. Wilson
Notary Public for the Official Seal
Comm. #2429880
Commission Expires 2/7/2025



ATTN: TSSA BPV NATIONAL REGISTRATION
TECHNICAL STANDARDS & SAFETY AUTHORITY
345 CARLINGVIEW DRIVE
TORONTO ON M9W 6N9

Date: 17-Apr-2024
TSBC Account #: 061440
TSBC Admin Number: 106266
Canadian Registration Number: 0C16300.51

Re: Application for Design Registration

The design, as detailed in your Design Portal application 0C16300.5R3 - Clark Cooper Division, Magnatrol Valve Corp for a Pressure Fitting is registered with the following notes and considerations:

Registered To:	Clark Cooper Division, Magnatrol Valve Corp
Project Name:	0C16300.5R3 - Clark Cooper Division, Magnatrol Valve Corp
Drawing #:	scope of registration
Drawing Revision:	N/A

Conditions of Registration:

(1) Fitting Registration Expiry Date: 23-Feb-2034 (2) The registration is valid until the indicated expiry date only if the Manufacturer maintains a valid quality management system approved by an acceptable third-party agency until that date. Should the approval of quality management system lapse before the expiry date indicated above, this registration shall become void.

Reviewer's Notes:

Any additional conditions of registration stated in the initial province of registration shall apply to this BC registration.

Full details of this submission including the scope of registration, design conditions, fabrication details, and calculations pertaining to this design are located in the above Admin Number on the Design Portal. For all other enquiries, please contact eim@technicalsaftybc.ca.

The Engineering Information Management Team

April 13, 2024

TSSA
345 Carlingview Drive
Toronto, ON M9W 6N9

Dear Cecylia Garbacz,

Re: Reciprocal CRN Registration in Manitoba

As indicated by the Regulatory Reconciliation and Cooperation Table and the Reconciliation Agreement for the Canadian Registration Number (CRN) for Pressure Equipment, the design reviews conducted and accepted by the Canadian province or territory, or their delegated safety authority, will be mutually recognized in the Province of Manitoba. If a registration is conditionally based on compliance with the notes set by the original issuing Jurisdiction, such compliance shall be applied the same to this Province.

Your submission has been registered, as follows:

File Number:	74-R3975
CRN:	0C16300.54
Scope:	Scope of Registration
Manufacturer:	CLARK COOPER DIV., MAGNATROL VALVE CORP.
Expiry Date:	23 February 2034

Along with this letter is the invoice for registration.

In addition, every Pressure Vessel, Boiler, and Heat Exchanger shall be stamped with the registration number and as required by CSA Code B51, a Manufacturer's Data Report (MDR) must be forwarded to this office immediately at the time a unit is shipped to Manitoba. Send your MDR to gasupport@gov.mb.ca. In your subject line, indicate "*Manufacturer's Data Report-CRN No.*" A fee shall be billed to the Manufacturer to process data reports in accordance with the Steam and Pressure Plants Regulation section 17.1.

Please contact gasupport@gov.mb.ca for any questions or concerns.

Inspection and Technical Services

Labour and Immigration
508 – 401 York Avenue, Winnipeg, MB R3C 0P8
T (204) 945-3373 | F (204) 948-2089

Montréal, 30 mai 2024.

TANYA FRANCIS
TECHNICAL STANDARDS & SAFETY AUTHORITY
345 CARLINGVIEW DRIVE
TORONTO ONTARIO
CANADA M9W 6N9

Fabricant : CLARK COOPER DIVISION, MAGNATROL VALVE
941 HAMILTON AVE
ROEBLING NJ
USA 08554

Numéro de dossier : 944277

Numéro(s) de dessin(s) : scope of registration 19 jan. 2024

Objet : Enregistrement des plans et devis – Confirmation de l'enregistrement

Bonjour,

Nous vous informons que votre demande d'enregistrement de plans et devis a été traitée et que cette conception a été enregistrée sous le numéro d'enregistrement canadien (NEC\CRN) suivant : **0C16300.56**.

Nous portons votre attention sur certaines exigences réglementaires concernant les installations sous pression, ainsi que des codes et normes qui y sont associés :

- Le fabricant doit maintenir un programme de contrôle de la qualité valide pour fabriquer un équipement selon ce NEC;
- Ce numéro d'enregistrement demeure valide tant et aussi longtemps que les paramètres de conception demeurent inchangés. Dans le cas d'accessoires, l'enregistrement est valide pour une durée de 10 ans à partir de la date d'enregistrement. Les documents de conception doivent alors être resoumis pour validation;
- Le fabricant doit nous transmettre une copie de la *Déclaration de conformité du constructeur (Manufacturer's Data Report)* pour chaque appareil ou chaudière fabriqué selon ce NEC dans les 30 jours suivant la signature de cette déclaration;
- Le numéro de dessin enregistré et le numéro de révision doivent être indiqués sur la déclaration de conformité pour les équipements fabriqués selon ce NEC.

Le présent avis d'approbation ne dégage pas le fabricant de ses responsabilités quant à la conception ou à la construction des équipements ou d'accessoires fabriqués selon un NEC.

Salutations distinguées,

Bureau d'expertise et d'homologation en équipements sous pression

Montréal

255, boul. Crémazie Est, 2ième étage

Montréal (Québec) H2M 1L5

Téléphone : 514 873-2546

Sans frais : 1 866 262-2084

enregistrementdesplans@rbq.gouv.qc.ca

www.rbq.gouv.qc.ca

Montréal, le 30 mai 2024.

TANYA FRANCIS
TECHNICAL STANDARDS & SAFETY AUTHORITY
345 CARLINGVIEW DRIVE
TORONTO ONTARIO
CANADA M9W 6N9

Manufacturer : CLARK COOPER DIVISION, MAGNATROL VALVE
941 HAMILTON AVE
ROEBLING NJ
USA 08554

OUR REFERENCE : 944277

Design number : scope of registration 19 jan. 2024

Subject: Design registration confirmation

Hi,

We wish to inform you that your design registration application has been evaluated and that it was registered under the following Canadian Registration Number (CRN): **0C16300.56.**

The following is a reminder of your obligations regarding certain requirements of the regulation respecting pressure vessels, and the referenced codes and standards:

- The manufacturer must maintain a valid quality control program to manufacture equipment according to the CRN.
- The CRN remains valid as long as there are no changes to the design calculations that might affect the pressure boundary. The design registration of fittings expires 10 years after acceptance. It must, therefore, be resubmitted for validation.
- The manufacturer shall submit a copy of the *Manufacturer's Data Report* to us for each boiler or pressure vessel manufactured according to this CRN within 30 days following the signing of this report.
- The drawing number and the revision number registered under this CRN must be indicated on the *Manufacturer's Data Report* for equipment manufactured according to the CRN.

This notice of approval does not relieve the manufacturer of their responsibilities with respect to the design or fabrication of equipment manufactured according to this CRN.

Yours sincerely,

Bureau d'expertise et d'homologation en équipements sous pression

Montréal

255, boul. Crémazie Est, 2ième étage
Montréal (Québec) H2M 1L5
Téléphone : 514 873-2546
Sans frais : 1 866 262-2084
enregistrementdesplans@rbq.gouv.qc.ca
www.rbq.gouv.qc.ca



Technical Standards and Safety Authority
345 Carlingview Drive
Toronto, Ontario M9W 6N9
www.tssa.org

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

STATUTORY DECLARATION Registration of Fittings

I, Serge Bochnovich, Engineering Manager

(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of Clark Cooper Division, Magnatrol Valve Corp

(Name of Manufacturer)

Located at 941 Hamilton Avenue, Roebling NJ 08554

(Plant Address)

856-829-4580

(Telephone No.)

(Fax No.)



do solemnly declare that the fittings listed hereunder, which are subject to the **Technical Standards and Safety Act**, Boilers and Pressure Vessels Regulation, comply with all of the requirements of
ASME B16.34-2013, ASME Boiler & Pressure Vessel Code, Section VIII, Division 1

(Title of recognized North American Standard)

which specifies the dimensions, materials of construction, pressure/temperature ratings, identification marking the fittings and service;



or are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with
as supported by the attached data which identifies the dimensions, material of construction, pressure/temperature ratings and the basis for such ratings, the marking of the fitting for identification and service.

I further declare that the manufacture of these fittings is controlled by a quality system meeting the requirements of ISO 9001:2015
which has been verified by the following authority, Intertek Testing Services NA, 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:

The full scope, pressure boundary calculations, and associated drawings are included in this submission.

(drawings, calculations, test reports, etc.)

Declared before me at Clark Cooper, NJ in the city of Roebling
the 19th day of January AD 2024.

Commissioner for Oaths:

Chryssa Wilson

(Printed name)

[Signature]

(Signature)

Chryssa S. Wilson
Notary Public of New Jersey
Comm. #2429800
Commission Expires 2/7/2028

[Signature]

(Signature of Declarer)

FOR OFFICE USE ONLY

To the best of my knowledge and belief, the application meets the requirements of the **Technical Standards and Safety Act**, Boilers and Pressure Vessels Regulation, and CSA Standard B51 and is accepted for registration in Category _____

CRN: _____

Registered by: _____

Dated: _____

NOTE: This registration expires on: _____



*Information provided in this application is releasable under the Freedom of Information and Privacy Protection Act and may be disclosed upon request.

CRN 0C16300.5ADD2 was approved on April 19, 2018 for the following valve items in Table 11. These valves utilize the same valve body and bonnet, and have much lower design pressures. Hence, they easily comply with the calculations within this report.

Valve Item	Machined Valve Body	Machined Bonnet	Bonnet Bolting Thread	Maximum Inlet Design Pressure (psi)
EV-1622-08C-11XX-9-D6	900001-21	400228	5/16-18	100
EV-1621-16C-11XX-9-D6	900039-21	400231	3/8-16	165
EV-1611-32C-11XX-9-D6	900052-21	400135	7/16-14	50

Table 11 – Pressure Boundary Component Drawing numbers



Serge Bochnovich
 Engineering Manager
 856-733-6133
 sergeb@magnatrol.com
 Clark Cooper Division, Magnatrol Valve Corp

January 19, 2024

Attn:

Technical Standards & Safety Authority
345 Carlingview Drive
Toronto, Ontario
M9W 6N9



CRN 0C16300.5 has recently expired. We seek to re-new and retain this CRN. Enclosed is the Clark Cooper Division of Magnatrol Valve Corporation submission for registration and manufacture of non-nuclear category “C” fittings in accordance with the requirements of the Fitting Registration Guidelines (revision January 2023).

Scope of Registration:

- Rotary Shaft Solenoid Valves, sizes ½”, 1”, 1.5”, 2”, and 3”, all configurations that use the pressure boundary components listed in this report. See catalog.
- Rotary Shaft Solenoid Valves added via 0C16300.5ADD2 (April 19, 2018)

Enclosed:

- Statutory Declaration Form (1 original notarized and 1 copy)
- Uniform Statutory Declaration Form for the Registration of Fitting Design
- ISO 9001:2015 Certificate
- Product documentation (component drawings, calculations, catalog data)

Design Code or Standard

Clark Cooper has designed the referenced rotary solenoid valves in accordance with ASME B16.34-2013 (Valves-Flanged, Threaded, And Welding End). The 2004 ASME Boiler and Pressure Vessel Code, Section VIII, Division 1, was used for the body to bonnet flange thickness calculation.

Material Specifications:

Valve Body (casting): ASTM A351, Grade CF8M (Group 2.2)

Bonnet (casting): ASTM A351, Grade CF8M (Group 2.2)

Bolts/Studs: ASTM A193, B8, Class 1



REGISTRATION OF A PRESSURE FITTING DESIGN

March 26, 2024

TSSA
345 Carlingview Dr.
Toronto, ON
Canada
M9W 6N9

Attention: Cecylia Garbacz

File Number: 100602

Re: Manufacturer: Clark Cooper Division, Magnatrol Valve Corp

Item: Rotary Solenoid Valves

Catalog or Drawing: Per Scope of Registration & Supporting Drawings

TSASK Codes and Standards Compliance has registered the design listed above in accordance with The Boiler and Pressure Vessel Act and Regulations and CSA B51. The Canadian Registration Number (CRN) is:

OC16300.53

Expiry Date: 2034-02-23

Please note that every fitting shall be constructed in strict accordance with the registered design.

Fitting registrations are required to be resubmitted for validation after ten (10) years from the registration date in accordance with CSA B51, Clause 4.2.1.

Should you require anything further, please do not hesitate to contact the Codes and Standards Compliance Office at your convenience.

Yours truly,

Athan Syrgiannis, P.Eng.

Codes and Standards Compliance

Remarks:

A valid quality control program must be maintained at the production facility for the fitting registration to remain valid until the expiry date.

Conditional upon compliance with the notes on the original TSSA registration.


UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

New Brunswick
Nunavut

Nova Scotia
Yukon

Prince Edward Island
Northwest Territories

Newfoundland and Labrador

Manufacturers Name: Clark Cooper Division, Magnatrol Valve Corporation	
Manufacturers Address: 941 Hamilton Avenue, Roebling NJ 08554	
Plant Locations:	
<p>Category of Fittings to be registered. Circle one Category only</p> <p>A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers</p> <p>B Flanges: all flanges</p> <p>C Valves: all line valves</p> <p>D Expansion joints, flexible connections, and hose assemblies: all types</p> <p>E Strainers, filters, separators, and steam traps</p> <p>F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters</p> <p>G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs</p> <p>H Pressure retaining components that do not fall into one of the above categories</p> <p>N Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> , (Meeting CNSC or ASME requirements)</p> <p>Show Manufacturers Name, Trademark, or Logo as it will appear on the product</p> <div style="text-align: center;">  </div>	<p>Title of the Standard of Construction</p> <p>ASME B16.34 ASME Boiler & Pressure Vessel Code, Section VIII, Div 1</p> <p>Type of Construction</p> <p>Forged <input type="checkbox"/> Welded <input type="checkbox"/> Wrought <input type="checkbox"/></p> <p>Cast <input checked="" type="checkbox"/> Other <input type="checkbox"/></p> <p>Describe other:</p>
<p>List of supporting documentation and identification of the actual items to be registered:</p> <p>Calculations and drawing are being provided with this submission to renew CRN 0C16300.5</p>	

Declaration:

I Serge Bochnovich (see note 3) employed by Clark Cooper Division 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 Intertek Testing Services NA, Inc 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 Clark Cooper, NJ


This 19th day of January AD 2024

Commissioner of Oaths

Or Notary Public: (sign) 


(Affix Official seal to the right)


 Chryssa S. Wilson
 Notary Public of New Jersey
 Comm. #2429800
 Commission Expires 2/7/2028

This space for Regulatory Authority use. This registration must be revalidated after ten (10) years from the date of acceptance.	
<p>CRN: _____</p> <p>FID#: _____</p> <p>Notes:</p> <ol style="list-style-type: none"> 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. 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. <p>11/2016</p>	<div style="border: 1px solid black; padding: 10px;"> <div style="text-align: center;">  <p>Technical Safety Authority of Saskatchewan</p> </div> <p>Registration No. <u>0C16300.53</u></p> <p>File No. <u>100602</u></p> <p style="text-align: center;">Registered</p> <p>Date: <u>March 26, 2024</u></p> <p>Expiry Date: <u>February 23, 2034</u></p> <p style="text-align: center; font-size: small;">Codes & Standards Compliance Office</p> </div>

January 19, 2024

Attn:
Technical Standards & Safety Authority
345 Carlingview Drive
Toronto, Ontario
M9W 6N9

 Technical Safety Authority of Saskatchewan	
Registration No.	0C16300.53
File No.	100602
<div>Registered</div>	
Date:	March 26, 2024
Expiry Date:	February 23, 2034
Codes & Standards Compliance Office	

CRN 0C16300.5 has recently expired. We seek to re-new and retain this CRN. Enclosed is the Clark Cooper Division of Magnatrol Valve Corporation submission for registration and manufacture of non-nuclear category “C” fittings in accordance with the requirements of the Fitting Registration Guidelines (revision January 2023).

Scope of Registration:

- Rotary Shaft Solenoid Valves, sizes ½”, 1”, 1.5”, 2”, and 3”, all configurations that use the pressure boundary components listed in this report. See catalog.
- Rotary Shaft Solenoid Valves added via 0C16300.5ADD2 (April 19, 2018)

Enclosed:

- Statutory Declaration Form (1 original notarized and 1 copy)
- Uniform Statutory Declaration Form for the Registration of Fitting Design
- ISO 9001:2015 Certificate
- Product documentation (component drawings, calculations, catalog data)

Design Code or Standard

Clark Cooper has designed the referenced rotary solenoid valves in accordance with ASME B16.34-2013 (Valves-Flanged, Threaded, And Welding End). The 2004 ASME Boiler and Pressure Vessel Code, Section VIII, Division 1, was used for the body to bonnet flange thickness calculation.

Material Specifications:

Valve Body (casting): ASTM A351, Grade CF8M (Group 2.2)
Bonnet (casting): ASTM A351, Grade CF8M (Group 2.2)
Bolts/Studs: ASTM A193, B8, Class 1

March 18, 2024

Attention: Cecylia Garbacz
TECHNICAL STANDARDS & SAFETY AUTHORITY
345 CARLINGVIEW DRIVE
TORONTO, ON M9W 6N9

The design submission, Tracking Number 2024-01478, Web Portal Number 2024-S1043, originally received on March 12, 2024 was surveyed and accepted for registration as follows:

CRN : 0C16300.52 **Accepted on:** March 18, 2024
Reg Type: RENEWAL **Expiry Date:** February 23, 2034
Drawing No. : See Scope of registration, CRN renewal
Fitting type: valves
Design registered in the name of : CLARK COOPER DIV, MAGNATROL VALVE CORP

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

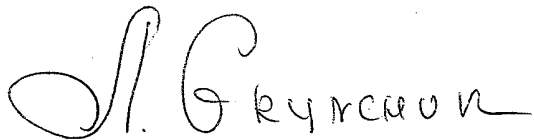
As indicated on AB-41 Statutory Declaration or AB-351 Declaration of Conformity form and submitted documentation, the code of construction are B16.34 and SECTION VIII, DIV. 1.

- It is our understanding that the fitting(s), included as the scope of this submission, that is(are) subject to the Safety Codes Act shall comply with the requirements of the indicated Standard or Code of Construction on the AB-41 Statutory Declaration or AB-351 Declaration of Conformity as supported by the attached data which identifies the dimensions, materials of construction, press./temp. ratings and the basis for such ratings, and the identification marking of the fittings.*
- This registration is valid only for fittings fabricated at the location(s) covered by the QC certificate attached to the accepted AB-41 Statutory Declaration or AB-351 Declaration of Conformity form.*
- This registration is valid only until the indicated expiry date and only if the Manufacturer maintains a valid quality management system approved by an acceptable third-party agency, and maintains a valid Certification of Authorization Permit if required by the jurisdiction where manufacturing takes place, until that date.*
- Should the approval of the quality management system lapse before the expiry date indicated above, this registration shall become void.*

An invoice covering survey and registration fees will be forwarded from our Revenue Accounts.

If you have any question don't hesitate to contact me by phone at (780) 433-0281 ext 3330 or fax (780) 437-7787 or e-mail Grynchuk@absa.ca.

Sincerely,



GRYNCHUK, MILLA, P. Eng.
DOP Cert. No. D00005217



Technical Standards and Safety Authority
345 Carlingview Drive
Toronto, Ontario M9W 6N9
www.tssa.org

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

STATUTORY DECLARATION Registration of Fittings

I, Serge Bochnovich, Engineering Manager

(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of Clark Cooper Division, Magnatrol Valve Corp

(Name of Manufacturer)

Located at 941 Hamilton Avenue, Roebling NJ 08554

(Plant Address)

856-829-4580

(Telephone No.)

(Fax No.)



do solemnly declare that the fittings listed hereunder, which are subject to the **Technical Standards and Safety Act**, Boilers and Pressure Vessels Regulation, comply with all of the requirements of
ASME B16.34-2013, ASME Boiler & Pressure Vessel Code, Section VIII, Division 1

(Title of recognized North American Standard)

which specifies the dimensions, materials of construction, pressure/temperature ratings, identification marking the fittings and service;



or are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with
as supported by the attached data which identifies the dimensions, material of construction, pressure/temperature ratings and the basis for such ratings, the marking of the fitting for identification and service.

I further declare that the manufacture of these fittings is controlled by a quality system meeting the requirements of ISO 9001:2015
which has been verified by the following authority, Intertek Testing Services NA, 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:

The full scope, pressure boundary calculations, and associated drawings are included in this submission.

(drawings, calculations, test reports, etc.)

Declared before me at Clark Cooper, NJ in the city of Roebling
the 19th day of January AD 2024.

Commissioner for Oaths:

Chryssa Wilson

(Printed name)

[Signature]

(Signature)

Chryssa S. Wilson
Notary Public of New Jersey
Comm. #2429800
Commission Expires 2/7/2028

[Signature]

(Signature of Declarer)

FOR OFFICE USE ONLY

To the best of my knowledge and belief, the application meets the requirements of the **Technical Standards and Safety Act**, Boilers and Pressure Vessels Regulation, and CSA Standard B51 and is accepted for registration in Category _____

CRN: _____

Registered by: _____

Dated: _____

NOTE: This registration expires on: _____

2024-01478

ABSA

SAFETY CODES ACT - PROVINCE OF ALBERTA

ACCEPTED: **OC16300 52**

See acceptance letter for
conditions of registration.

Date: **2024-03-18**

By:

[Signature]
MILLA GRYNCHUK, P. Eng.
DOP: D00005217

This stamp and signature have been affixed electronically to this registered design as required by Section 20(1) of the Pressure Equipment Safety Regulation, in accordance with the Electronic Transactions Act.

*Information provided in this application is releasable under the Freedom of Information and Privacy Protection Act and may be disclosed upon request.

PV 09553 (04/17)



345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel.: 416.734.3300
Fax: 416.231.1626
Toll Free: 1.877.682.8772

www.tssa.org

February 23, 2024

CLARK COOPER DIV., MAGNATROL VALVE CORP.
941 HAMILTON AVE
ROEBLING NJ 08554

Workorder Type: Registration - Fitting(Conventional)
Workorder No: 14228041
Your Reference No.: RENEWAL OF CRN#0C16300.5
Registered to: CLARK COOPER DIV., MAGNATROL VALVE CORP.

Dear SERGE BOCHNOVICH,

Technical Standards and Safety Authority (TSSA) is pleased to inform you that your submission has been reviewed and registered as follows:

CRN : 0C16300.5R3

Main Design No.: scope of registration

Expiry Date: Feb 23, 2034

Please be advised that a valid quality control system must be maintained for the fitting registration to remain valid until the expiry date.

Code of Construction: B16.34 - 2020, ASME Sec VIII-I 2021 Ed

- Valves shall be identified by manufacturer's logo or trademark as shown on the drawings

The stamped copy of the approved registration and the invoice are mailed separately (There will be no hard copies for electronic submissions). Should you have any questions or require further assistance, please contact a Customer Service Advisor at 1.877.682.TSSA (8772) or e-mail customerservices@tssa.org. We will be happy to assist you. When contacting TSSA regarding this file, please refer to the Service Request number provided above.

Yours truly,

Hammad Wasif , M.Eng., P.Eng.
Engineer, BPV
Tel. : +1 416-734-3441
Email : hwasif@tssa.org



Technical Standards and Safety Authority
345 Carlingview Drive
Toronto, Ontario M9W 6N9
www.tssa.org

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

STATUTORY DECLARATION Registration of Fittings

I, Serge Bochnovich, Engineering Manager

(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of Clark Cooper Division, Magnatrol Valve Corp

(Name of Manufacturer)

Located at 941 Hamilton Avenue, Roebling NJ 08554

(Plant Address)

856-829-4580

(Telephone No.)

(Fax No.)



do solemnly declare that the fittings listed hereunder, which are subject to the **Technical Standards and Safety Act**, Boilers and Pressure Vessels Regulation, comply with all of the requirements of
ASME B16.34-2013, ASME Boiler & Pressure Vessel Code, Section VIII, Division 1

(Title of recognized North American Standard)

which specifies the dimensions, materials of construction, pressure/temperature ratings, identification marking the fittings and service;



or are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with
as supported by the attached data which identifies the dimensions, material of construction, pressure/temperature ratings and the basis for such ratings, the marking of the fitting for identification and service.

I further declare that the manufacture of these fittings is controlled by a quality system meeting the requirements of ISO 9001:2015
which has been verified by the following authority, Intertek Testing Services NA, Inc

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The full scope, pressure boundary calculations, and associated drawings are included in this submission.

(drawings, calculations, test reports, etc.)

Declared before me at Clark Cooper, NJ in the city of Roebling
the 19th day of January AD 2024.

Commissioner for Oaths:

Chryssa Wilson
(Printed name)

[Signature]
(Signature)

Chryssa S. Wilson
Notary Public of New Jersey
Comm. #2429800
Commission Expires 2/7/2028

[Signature]
(Signature of Declarer)



TSSA Registration Notes:

- Code of Construction: B16.34 - 2020, ASME Sec VIII-I 2021 Ed
- Valves shall be identified by manufacturer's logo or trademark as shown on the drawings

HW February 23, 2024.

ONLY
ents of the
lation, and

Technical Standards and Safety Authority
Boilers and Pressure Vessels Safety Program

REGISTERED

C.R.N.: 0C16300.5R3

Signed: [Signature]

Date: February 23, 2024.

NOTE: This registration expires on:

2034-FEB-23

*Information provided in this application is releasable under the Freedom of Information and Privacy Protection Act and may be disclosed upon request.