



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

www.tssa.org

May 28, 2024

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

Workorder Type: Registration - Fitting(Conventional)

Workorder No: 14296216

Your Reference No.:

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 : 0C16697.5R1

Main Design No.: Scope of Fitting Design, EH30, EH40, EH50, EX30, EX40 REV -

Expiry Date: May 28, 2034

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

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,

Amir Hariri P.Eng.
Engineer, BPV
Tel. : +1 416-734-3461
Email : ahariri@tssa.org

July 29, 2024

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

The design submission, Tracking Number 2024-04102, Web Portal Number 2024-S2910, originally received on July 10, 2024 was surveyed and accepted for registration as follows:

CRN : 0C16697.52 **Accepted on:** July 29, 2024

Reg Type: RENEWAL **Expiry Date:** May 28, 2034

Drawing No. : Scope of Fitting Design Rev MAY23 2024 As Noted

Fitting type: Solenoid Valves

Design registered in the name of : CLARK COOPER DIV, MAGNATROL VALVE CORP

Description	MAWP	Design Temperature
Per Scope of Fitting Designs		

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

- The fitting is registered for use in a piping system designed to ASME B31.3 Chapter IX high pressure piping systems only. Manufacturer shall ensure that the end user is aware of this limitation.
- Registration is limited to materials listed in Scope of Fittings Designs.
- The scope of this registration is a CRN renewal, there are no changes to scope or design.

As indicated on AB-41 Statutory Declaration or AB-351 Declaration of Conformity form and submitted documentation, the code of construction is ASME B31.3.

- 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 3362 or fax (780) 437-7787 or e-mail Blair@absa.ca.

Sincerely,



July 29, 2024

BLAIR, JODY, P. Eng.
DOP Cert. No. D00010552

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 align="center">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 align="center">Title of the Standard of Construction</p> <p>ASME B31.3-2022; ASME Boiler & Pressure Vessel Code, Section VIII, Division 1</p>
<p>Show Manufacturers Name, Trademark, or Logo as it will appear on the product</p> <div style="border: 1px solid black; padding: 5px; width: 50px; height: 50px; margin: 0 auto;"> </div>	<p align="center">Type of Construction</p> <p>Forged <input checked="" type="checkbox"/> Welded <input checked="" 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 0C16697.</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

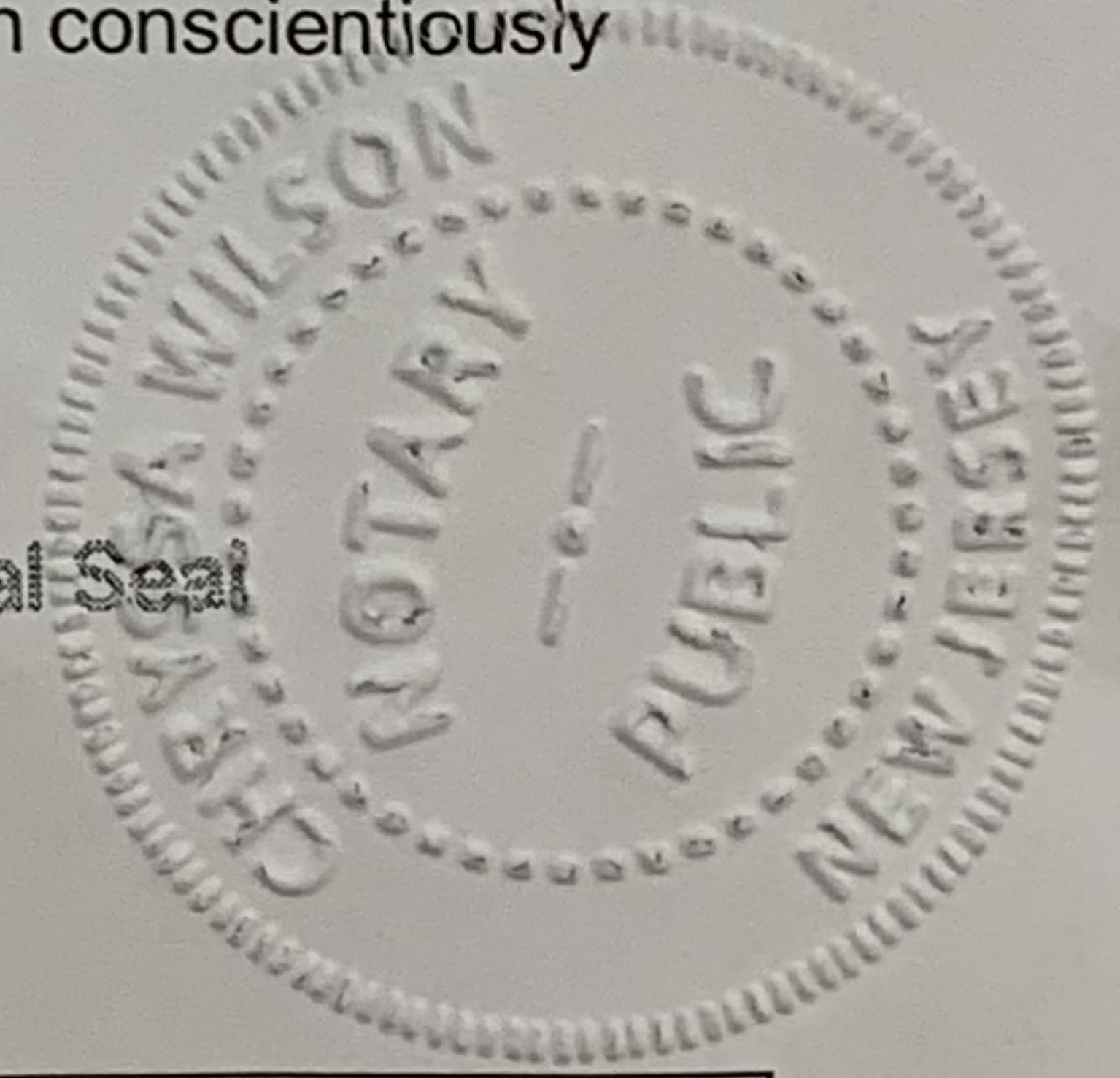
This 26 day of JULY AD 2024

Commissioner of Oaths

Or Notary Public: (sign)

(Affix Official seal to the right)

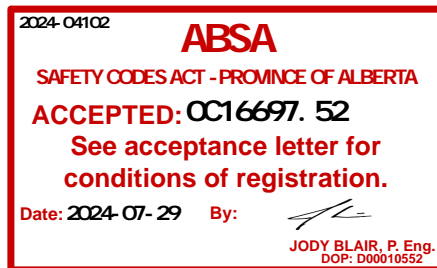
Chryssa S. Wilson
 Notary Public of New Jersey
 Comm. #2429800
 Commission Expires 2/7/2028



<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: _____</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: 2px solid red; padding: 5px;"> <p align="center">2024-04102</p> <p align="center">ABSA</p> <p align="center">SAFETY CODES ACT - PROVINCE OF ALBERTA</p> <p align="center">ACCEPTED: 0C16697. 52</p> <p align="center">See acceptance letter for conditions of registration.</p> <p>Date: 2024-07-29 By: <u></u></p> <p align="right"><small>JODY BLAIR, P. Eng. DOP: D00010552</small></p> </div> <p align="center"><small>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.</small></p> <p align="right">Sect 1.0 - Fittings Rev.2</p> <p align="center">Expiry Date May 28 2034</p>
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Scope of Fitting Designs								
Product Category	Part Number	Description	Material	Connections and Size Range	MDMT	At ambient temp	At Max Temp	Design Code
EH30	358092	Valve Body	316 SS per ASTM A276	1/4" NPT	-423 F	10000	10000 at 400 F	ASME B31.3-2022 ASME Boiler & Pressure Vessel Code
	358086	Bonnet Tube	316 SS, ASTM A276/A479					
	358004	Retainer	430/430F, ASTM A276/A582					
EH40	707252	Valve Body	316 SS per ASTM A276	1/4" & 1/2" NPT	-50 F	10000	10000 @ 400 F	ASME B31.3-2022 ASME Boiler & Pressure Vessel Code
	707275	Bonnet Tube	316 SS, ASTM A276/A479					
	358004	Retainer	430/430F, ASTM A276/A582					
EH50	358048	Valve Body	316 SS per ASTM A276	1/2" NPT	-50 F	10000	10000 @ 400 F	ASME B31.3-2022 ASME Boiler & Pressure Vessel Code
	358010	Bonnet Tube	316 SS, ASTM A276/A479					
	358004	Retainer	430/430F, ASTM A276/A582					
EX30	707662	Valve Body	316 SS per ASTM A276	1/4" MPF	-423 F	15000	15000 @ 200 F	ASME B31.3-2022 ASME Boiler & Pressure Vessel Code
	707663	Bonnet Tube	316 SS, ASTM A276/A479					
	358004	Retainer	430/430F, ASTM A276/A582					
EX40	707609	Valve Body	316 SS per ASTM A276	3/8" MPF	-50 F	15000	15000 @ 200 F	ASME B31.3-2022 ASME Boiler & Pressure Vessel Code
	707610	Bonnet Tube	316 SS, ASTM A276/A479					
	358004	Retainer	430/430F, ASTM A276/A582					

Appendix A:



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

Montréal, 24 juillet 2024.

CECYLIA GARBACZ
TECHNICAL STANDARDS & SAFETY AUTHORITY
345 CARLINGVIEW DRIVE
TORONTO ONTARIO
CANADA M9W6N9

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

Numéro de dossier : 943670
Numéro(s) de dessin(s) : Scope of registration Appendix A

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 : **OC16697.56**.

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, 2^{ième} 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 24 juillet 2024.

CECYLIA GARBACZ
TECHNICAL STANDARDS & SAFETY AUTHORITY
345 CARLINGVIEW DRIVE
TORONTO ONTARIO
CANADA M9W6N9

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

OUR REFERENCE : 943670
Design number : Scope of registration Appendix A

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): **0C16697.56.**

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 856-829-4580
(Plant Address) (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 B31.3-2014 and the ASME Boiler and 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 in the town of Roebling
 the 26th day of March AD 2024.

Commissioner for Oaths:

Chryssa Wilson
(Printed name)
[Signature]
(Signature)

[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.*

Scope of Fitting Designs

Product Category	Part Number	Description	Material	Connections and Size Range	MDMT	Rated Pressure (psi) At ambient temp	At Max Temp	Design Code
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