

Montréal, 19 février 2026.

CECYLIA GARBACZ
TECHNICAL STANDARDS & SAFETY AUTHORITY
345 CARLINGVIEW DRIVE
TORONTO ONTARIO
CANADA M9W 6N9

Fabricant : PARKER HANNIFIN CORPORATION - SPORLAN
206 LANGE DR
WASHINGTON MO
USA 63090

Numéro de dossier : 940840

Numéro(s) de dessin(s) : Scope of CRN Registration dated 03-Nov-25

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 : **0C26330.56**.

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,

Direction des 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 19 février 2026.

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TECHNICAL STANDARDS & SAFETY AUTHORITY
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TORONTO ONTARIO
CANADA M9W 6N9

Manufacturer : PARKER HANNIFIN CORPORATION - SPORLAN
206 LANGE DR
WASHINGTON MO
USA 63090

OUR REFERENCE : 940840
Design number : Scope of CRN Registration dated 03-Nov-25

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): **0C26330.56**.

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,

Direction des équipements sous pression

Montréal

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

Building Act (B-1.1)
Regulation respecting pressure vessels (B-1.1, r. 6.1)
Boiler, pressure vessel, and pressure piping code (CSA B51)

This declaration must be filled out and sent to the Régie du bâtiment du Québec (RBQ) by pressure fitting manufacturers when they make an application registration for fittings.

For more information on the application registration for fittings, consult the www.rbq.gouv.qc.ca/fittings-pv.

1. Fittings to register

List the fittings included in this declaration and that you wish to register.

| N° | Description | Additional information (detail, calculations or approval sheets) |
|----|----------------------------|--|
| 1 | VALVES |  |
| 2 | SCOPE OF CRN REGISTRATION, | |
| 3 | REPORTS | |
| 4 | | |
| 5 | COMPANY LOGO - SEE RIGHT | |

2. Declaration of the person in charge

The person in charge is someone in a position of authority, such as a vice-president, a plant manager or a chief engineer.

2.1 Design

I, the undersigned, John Withouse Sr. Principal Engineer
(Name of the person in charge) (Title of the person in charge)
 from Parker Hannifin Corporation - Sporlan Division, located at 206 Lange Drive, Washington, MO, 63090, USA
(Company's name) (Plant's address)

hereby declare that the above-mentioned fittings and subject to the Regulation respecting pressure installations:

comply with the requirements of the ANSI/ASME codes as to their dimensions, identification, material and purpose or ASME B31.5, CSA B52

are not covered by the ANSI/ASME codes, but are in compliance with _____
(Name of code or standard)

code or standard and are designed according to the best current engineering practice, as proven by the enclosed approval report.

2.2 Manufacturing quality control

I further declare that the manufacture of these fittings is controlled by a quality control program that complies with the requirements of the following code: ISO 9001:2015, and has been verified by bsi.
(Name of code) (Authorized agency)

Signature of the person in charge: John Withouse Date (yyyy-mm-dd): 2025-11-21

3. Declaration of commissioner for oaths

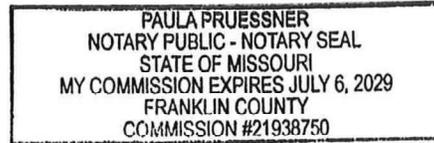
I certify that this declaration has been administered before me, at Washington, Missouri, on 2025-11-21.
(Location) (Date (yyyy-mm-dd)):

Signature of commissioner for oaths:



Date (yyyy-mm-dd): 2025-11-21

Stamp the seal:



4. Registration confirmation (for RBQ's use only)

As far as I know, this application complies with the requirements of the Act and with standard CSA B51, Part 1, section 4.2, and is accepted for registration in the class _____.

This registration expires in ten (10) years after the date of registration indicated above, and it must be validated again after this period.

Canadian registration number (CRN):

Registration date (yyyy-mm-dd):



Documents to attach

Any application registration for fittings must include these documents:

- Statutory Declaration Registration of Fittings (2 copies)
- Detailed calculations or burst test report (1 copy)
- Detailed technical drawings or catalogues (2 copies)
- Example of the manufacturer's marking (1 copy)
- Proof that a valid and approved quality control program has been implemented (1 copy)
- Form Application for design registration (1 copy)

Sending the form

This declaration is necessary to submit an application for design registration. Design registration applications must be sent by email only to enregistrementdesplans@rbq.gouv.qc.ca.

Documents must be in PDF format and in separate files.

PARKER HANNIFIN CORPORATION
SPORLAN DIVISION
 206 LANGE DRIVE
 WASHINGTON, MO
 63090, USA



03-Nov-25

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SCOPE OF CRN REGISTRATION

| Product Description | Type | Design Code | Material Specification | | | |
|--|-----------|------------------------|---|--|---------------------------------|----------------------|
| Refrigerant Ball Valve with Integral Pressure Relief | EBV(T)-PR | ASME B31.5, CSA B52 | Valve Body: Forging Brass JIS C37771BE meeting the requirements of ASTM B283 UNS C37700 Valve Tubing: Copper ASTM B543 C19400 (W061) | | | |
| | | | Design Conditions MAWP at MAWT (psig at °F / barg at °C) | | MDMT (°F / °C) | Report Number |
| | | | Valve Body Independent of process Connections: 957 psig at 248°F / 66 barg at 120°C ODF 3/8" Process Connection: 957 psig at 248°F / 66 barg at 120°C ODF 1/2" Process Connection: 957 psig at 248°F / 66 barg at 120°C ODF 5/8" Process Connection: 885 psig at 248°F / 61 barg at 120°C ODF 3/4" Process Connection: 914 psig at 248°F / 63 barg at 120°C ODF 7/8" Process Connection: 914 psig at 248°F / 63 barg at 120°C ODF 1-1/8" Process Connection: 928 psig at 248°F / 64 barg at 120°C | | - 40°F / - 40°C | R-2226A Rev. 0 |

| Product Description | Type | Design Code | Material Specification | | | |
|---------------------------------------|---------------|------------------------|---|--|---------------------------------|----------------------|
| Refrigerant Electric Expansion Valves | SER-HP SERIES | ASME B31.5, CSA B52 | Valve Body: Forging Brass EN12164 CW617N / ASTM B283 CW617N Valve Tubing: Copper ASTM B75 UNS C12200 H80 | | | |
| | | | Design Conditions MAWP at MAWT (psig at °F / barg at °C) | | MDMT (°F / °C) | Report Number |
| | | | Valve Body Independent of Process Connections: 1044 psig at 155°F / 72 barg at 69°C ODF 3/8" Process Connection: 1044 psig at 155°F / 72 barg at 69°C ODF 1/2" Process Connection: 1044 psig at 155°F / 72 barg at 69°C ODF 5/8" Process Connection: 870 psig at 155°F / 60 barg at 69°C | | - 50°F / - 46°C | R-2226B Rev. 0 |



SCOPE OF CRN REGISTRATION

| Product Description | Type | Design Code | Material Specification | | |
|-------------------------------------|---|---------------------|--|----------------------|--|
| Refrigerant Pulse Modulation Valves | Models SPW-0 thru -7 | ASME B31.5, CSA B52 | Valve Body: Forging Brass ASTM B283 UNS C37700 Valve Tubing: Copper ASTM B75 UNS C12200 H80 | | |
| | Design Conditions MAWP at MAWT (psig at °F / barg at °C) | | MDMT (°F / °C) | Report Number | |
| | Valve Body Independent of Process Connections: 1030 psig at 180°F / 71 barg at 82°C ODF 3/8" Process Connection: 1030 psig at 180°F / 71 barg at 82°C ODF 1/2" Process Connection: 1030 psig at 180°F / 71 barg at 82°C | | - 40°F / - 40°C | R-2226C Rev. 0 | |

| Product Description | Type | Design Code | Material Specification | | |
|--|---|---------------------|--|----------------------|--|
| Refrigerant Gas Cooler / Flash Gas Bypass Valves | GC Family and FGB Family | ASME B31.5, CSA B52 | Valve Body: Stainless Steel ASTM A479 304/304L, ASTM A182 F304/304L Valve Bonnet: Forging Brass EN12164 CW617N / ASTM B283 CW617N | | |
| | Design Conditions MAWP at MAWT (psig at °F / barg at °C) | | MDMT (°F / °C) | Report Number | |
| | Valve Body Independent of Process Connections: 1030 psig at 180°F / 71 barg at 82°C ODF 3/8" Process Connection: 1030 psig at 180°F / 71 barg at 82°C ODF 1/2" Process Connection: 1030 psig at 180°F / 71 barg at 82°C | | - 40°F / - 40°C | R-2226D Rev. 0 | |



SCOPE OF CRN REGISTRATION

| Product Description | Type | Design Code | Material Specification | |
|--|------|---------------------|--|----------------------|
| Refrigerant Gas Cooler Multi-Purpose Valve | GCM | ASME B31.5, CSA B52 | Valve Body: Stainless Steel ASTM A582 303 / ASTM A473 303 Valve Process Connections: Stainless Steel ASTM A479 304/304L | |
| Design Conditions MAWP at MAWT (psig at °F / barg at °C) | | | MDMT (°F / °C) | Report Number |
| Valve Body Independent of Process Connections: 2031 psig at 239°F / 140 barg at 115°C ODF 3/8" Process Connection: 2031 psig at 239°F / 140 barg at 115°C ODF 1/2" Process Connection: 2031 psig at 239°F / 140 barg at 115°C ODF 5/8" Process Connection: 2031 psig at 239°F / 140 barg at 115°C ODF 3/4" Process Connection: 2031 psig at 239°F / 140 barg at 115°C ODF 7/8" Process Connection: 2031 psig at 239°F / 140 barg at 115°C | | | - 40°F / - 40°C | R-2226E Rev. 0 |

Note 1: MAWP = Maximum Allowable Working Pressure, MAWT = Maximum Allowable Working Temperature, MDMT = Minimum Design Metal Temperature.

Note 2: The pressure-temperature ratings shown are the maximum CRN pressure-temperature ratings. In all cases the MAWP may be limited by seal materials or other considerations. Please consult Parker literature.

Note 3: For low temperature operation the products shall conform to the rules of the applicable codes under which they are used.

Note 4: See Attached List of Manufacturing locations applicable to this CRN.



WORLDWIDE LOCATIONS APPENDIX

PARKER HANNIFIN CORPORATION SPORLAN DIVISION MANUFACTURING LOCATIONS & CERTIFYING AUTHORITIES

(rev. November 17, 2025)

Head Quarters

206 LANGE DRIVE
WASHINGTON, MO 63090 USA
ISO 9001 Certified by bsi.

Plant 1

711 INDUSTRIAL AVENUE
PLANT 1 I WASHINGTON, MO 63090 USA
ISO 9001 Certified by bsi.

Plant 3

215 LANGE DRIVE
WASHINGTON, MO 63090 USA
ISO 9001 Certified by bsi.

Plant 4

100 PARKER DRIVE
GREENFIELD, TN 38230 USA
ISO 9001 Certified by bsi.

Plant 5

VIA DE FERROCARRIL A MATAMOROS
730, CENTRO. BLVD.
CARLOS SALINAS DE GORTARI Y PROL.
CAMINO A HUINALA.
APODACA, NL CP 66600 MEXICO
ISO 9001 Certified by bsi.

In addition, in accordance with CSA B51 paragraph 4.2.5 Parker Hannifin Corporation Sporlan Division is taking responsibility for the product covered under this CRN that is manufactured at:

ESSEN TECH CO., LTD

15, JAYUMUYEOK 2-GIL,
GUNSAN-SI, JEOLLABUK-DO, KOREA
ISO 9001 Certified by Korean Standards Association