

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

www.tssa.org

August 12, 2022

ROUND ENGINEERING INC 10 SEGWUN RD WATERDOWN ON L8B 0K6

Workorder Type: Registration - Fitting(Conventional)

Workorder No: 8163132 Your Reference No.: R-1713

Registered to: FLOVAL EQUIPMENT LTD

Dear SCOTT ISLIP,

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

CRN: 0C19228.5ADD1

Main Design No.: R1713 REV 0 Expiry Date: Mar 13, 2027

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



PV 09553 (04/17)

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

NOR'EAST

| STATUTORY DECLARA Registration of Fittings | TION | | |
|---|---|---|--|
| FRANK TONDAT, PRESIDENT | | | |
| (Name and Position, e.g. President, Plant Manager, Chief Eng | ineer) | | |
| of FLOVAL EQUIPMENT LIMITED | | | |
| (Name of Manufacturer) | | | |
| Located at 250 RAYETTE ROAD, UNIT 1, CONCORD, ONTARIO, L4K 2G6 90 | 5-669-4500 905-669-4905 | | |
| | lephone No.) | (Fax No.) | |
| do solemnly declare that the fittings listed hereunder, which are subject to the Ted and Pressure Vessels Regulation, comply with all of the requirements of MSS SP-85 | hnical Standard | s and Safety Act, Boilers | |
| (Title of recognized North American Standard) which specifies the dimensions, materials of construction, pressure/temperature ratings, in | dentification marking | g the fittings and service; | |
| or are not covered by the provisions of a recognized North American standard and as supported by the attached data which iden pressure/temperature ratings and the basis for such ratings, the marking of the fitting. | tifies the dimension g for identification | ns, material of construction, and service. | |
| I further declare that the manufacture of these fittings is controlled by a quality system meet which has been verified by the following authority, SAI GLOBAL | ting the requireme | ints of 100 3001.2010 | |
| The items covered by this declaration, for which I seek registration, are category C - THREE-W. | AY VALVES | type fittings. In support of | |
| this application, the following information and/or test data are attached as follows: | | _ Abo20 | |
| SCOPE OF CRN REGISTRATION, REPORTS, DRAWINGS | | | |
| (drawings, calculations, test reports, etc.) | | | |
| Declared before me at the City & Vaughan in the Provin | ce | of Orfario | |
| the day of Lane AD 20 22. | | | |
| Commissioner for Oaths: 20GER BOURQUE | | | |
| RUSEK DOURKILL | | | |
| (Signature) | (Signature of D | Declarer) | |
| | (-ig-in-in-in-in-in-in-in-in-in-in-in-in-in- | | |
| 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 | Technical Standards and Safety Authority | Boilers and Pressure Vessels Safety Program | |
| CRN: This Document has been digitally signed and approved. | REGISTERED | | |
| Registered by: TSSA The stamp size has | C.R.N.: 0C19228.5ADD1 | | |
| Dated: been optimized for 11 x ————————————————————————————————— | Signed: | | |
| NOTE: This registration expires on: March 13, 2027 | Date: August 12, 2022. | | |

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

See registration letter for any terms and conditions for this registration.

August 12, 2022.

TSSA

FLOVAL EQUIPMENT LTD.

250 RAYETTE ROAD UNIT 1 CONCORD, ONTARIO L4K 2G6, CANADA



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SCOPE OF CRN REGISTRATION

| Product | Nor-East | Design | Body Material | Size Range | End Connection | Valve Body Design | Report |
|--------------|----------|-------------------------------|---------------|-------------|----------------|-------------------|--------|
| Description | Series | Code | Specification | | Inlet/Outlet | Conditions (psig) | Number |
| Three-Way | 1600 | MSS SP-85, 2011 | Cast Iron | 1" thru 10" | CL 125 Flanged | 200 psig at 150°F | R-1713 |
| Globe Valves | | | ASTM A126-B | | | 190 psig at 200°F | Rev. 0 |
| | | | | | | 180 psig at 225°F | |
| | | | | | | 175 psig at 250°F | |
| | | | | | | 170 psig at 275°F | |
| | | | | | | 165 psig at 300°F | |
| | | | | | | 155 psig at 325°F | |
| | | THIS IS PART OF | CRN | | | 150 psig at 353°F | |
| | | 0C19228.5ADD1 | | | | 145 psig at 375°F | |
| | | Technical Standards and Safet | / Authority | | | 140 psig at 406°F | |
| | | Boilers and Pressure Vessels | Safety | | | 130 psig at 425°F | |
| | | Program | | | | 125 psig at 450°F | |
| | | | | | CL 250 Flanged | 500 psig at 150°F | |
| | | | | | | 460 psig at 200°F | |
| | | | | | | 440 psig at 225°F | |
| | | | | | | 415 psig at 250°F | |
| | | | | | | 395 psig at 275°F | |
| | | | | | | 375 psig at 300°F | |
| | | | | | | 355 psig at 325°F | |
| | | | | | | 335 psig at 353°F | |
| | | | | | | 315 psig at 375°F | |
| | | | | | | 290 psig at 406°F | |
| | | | | | | 270 psig at 425°F | |
| | | | | | | 250 psig at 450°F | |

Note 1: The body design conditions shown are the maximum CRN pressure-temperature design condition for various temperatures. In all cases the maximum allowable working pressure (MAWP) and maximum allowable working temperature (MAWT) may be limited by the seat, seal, closure disc or other considerations. Please consult the manufacturer.

Note 2: For low temperature operation the products shall conform to the rules of the applicable codes under which they are used.