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www.tssa.org

May 05, 2020

SCOTT ISLIP ROUND ENGINEERING INC 10 SEGWUN RD WATERDOWN ON L8B 0K6 CA

**Service Request Type:** BPV-Fitting Registration

Service Request No.: 2832442 Your Reference No.: R-1254

Registered to: ACME ENGINEERING PRODUCTS 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 No.: 0H22393.5

Main Design No.: DWG # 20-2478 F REV 0 - SEE SCOPE OF CRN REGISTRATION

Expiry Date: 05-May-2030

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. 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,

Wendy Du, P.Eng. Technical Standards & Safety Authority Boilers & Pressure Vessels Safety Program

Tel.: 416-734-3566 Fax: 416-231-6183 Email: wdu@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   |  |                                  |             |                      |   |  |  |  |  |  |  |  |
|---|--|----------------------------------|-------------|----------------------|---|--|--|--|--|--|--|--|
| Robert Pre  | esser, Vice President  |                                  |             |                      |   |  |  |  |  |  |  |  |
| (Name and Position, e.g. President, Plant Manager, Chief Engineer)  |  |                                  |             |                      |   |  |  |  |  |  |  |  |
| of ACME En  | gineering Products Ltd.  |                                  |             |                      |   |  |  |  |  |  |  |  |
| (Name of Manufacturer)  |  |                                  |             |                      |   |  |  |  |  |  |  |  |
| Located at  | 5706, Avenue Royalmount, Montreal, Que   | ebec, H4P 1K5                    | 514-3       | 42-5656              | 514-342-3131                                |  |  |  |  |  |  |  |
|   | (Plant Address)  |                                  | (Teleph     | one No.)             | (Fax No.)                                   |  |  |  |  |  |  |  |
| do solemnly declare that the fittings listed hereunder, which are subject to the <i>Technical Standards and Safety Act</i> , Boilers and Pressure Vessels Regulation, comply with all of the requirements of ASME Section VIII Division 1 |  |                                  |             |                      |   |  |  |  |  |  |  |  |
| which s   | (Title of recognized North American Standard)  which specifies the dimensions, materials of construction, pressure/temperature ratings, identification marking the fittings and service; |                                  |             |                      |   |  |  |  |  |  |  |  |
| which specifies the differences, materials of construction, pressure/temperature ratings, identification marking the fittings and service,  |  |                                  |             |                      |   |  |  |  |  |  |  |  |
| or are  | not covered by the provisions of a recognize   |                                  |             |                      |   |  |  |  |  |  |  |  |
| pressu  | re/temperature ratings and the basis for such  |                                  |             |                      | ons, material of construction, and service. |  |  |  |  |  |  |  |
| I further declare that the manufacture of these fittings is controlled by a quality system meeting the requirements of ISO 9001 which has been verified by the following authority, BNQ.  |  |                                  |             |                      |   |  |  |  |  |  |  |  |
| The items cov   | ered by this declaration, for which I seek registrat   | ion, are category <u>H - Ele</u> | ectric Imme | rsion Elemen         | type fittings. In support of                |  |  |  |  |  |  |  |
| 1   | this application, the following information and/or test data are attached as follows: Support Flanges  |                                  |             |                      |   |  |  |  |  |  |  |  |
| Scope of CF   | RN Registration, Drawings, Calculations  | s, calculations, test reports, e | tc)         |                      |   |  |  |  |  |  |  |  |
|   | (a.a.m.g.  | , calculations, tool reports, c  |             |                      |   |  |  |  |  |  |  |  |
| Declared before me at Montreal in the Programme in the  |  |                                  | rince       | ce of Quebec         |   |  |  |  |  |  |  |  |
| the 19th  | day of March AD  | 20 20 LASSER                     |             |                      |   |  |  |  |  |  |  |  |
| Commission  | ner for Oaths:   | STUARI                           |             |                      |   |  |  |  |  |  |  |  |
| Stuart Eiley  | 6 400 007  |                                  |             |                      |   |  |  |  |  |  |  |  |
|   | (Printed name)   | 72. Spontes &                    |             |                      |   |  |  |  |  |  |  |  |
| 8/100 cc / Mer flea   |  |                                  |             |                      |   |  |  |  |  |  |  |  |
|   | (Signature)  |                                  |             | (Signature of        | Deciarer)                                   |  |  |  |  |  |  |  |
|   |  | OFFICE USE ONL                   |             | Technical            | Boilers and                                 |  |  |  |  |  |  |  |
| To the best of my knowledge and belief, the application meets the requirements of the   |  |                                  |             | Standards and Safety | Pressure Vessels                            |  |  |  |  |  |  |  |
| Technical Standards and Safety Act, Boilers and Pressure Vessels Regulation, and CSA Standard B51 and is accepted for registration in CategoryH   |  |                                  |             |                      | Safety Program                              |  |  |  |  |  |  |  |
|   |  |                                  |             |                      |   |  |  |  |  |  |  |  |
| CRN:  |  |                                  | REGISTERED  |                      |   |  |  |  |  |  |  |  |
| Registered by:  |  |                                  |             |                      | C.R.N.: 0H22393.5                           |  |  |  |  |  |  |  |
|   |  |                                  |             |                      | Signed: //Juffic                            |  |  |  |  |  |  |  |
| Dated:  |  |                                  |             |                      |   |  |  |  |  |  |  |  |
|   | registration expires on: MAY 5, 20   | Date: May 5, 2020.               |             |                      |   |  |  |  |  |  |  |  |

## ACME ENGINEERING PRODUCTS LTD.

5706, AVENUE ROYALMOUNT MONTREAL, QUEBEC H4P 1K5



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18-Mar-20

## **SCOPE OF CRN REGISTRATION**

| Product<br>Description  | Main<br>Drawing No | Design<br>Code      | Main Material<br>Specification | Process<br>Connections | Flange<br>Size | Pressure<br>Class | MAWP at MAWT (psig) | MDMT<br>(F) |
|-------------------------|--------------------|---------------------|--------------------------------|------------------------|----------------|-------------------|---------------------|-------------|
| Electric Immersion      | 20-2478F R.0       | ASME Section VIII-1 | C.Steel                        | ASME B16.5             | NPS 8"         | CL. 150           | 200 psig at 400°F   | -20°F       |
| Element Support Flanges |                    |                     | SA150N                         | Flanged                |                | CL. 300           | 300 psig at 417°F   |             |

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

## THIS IS PART OF CRN

0H22393.5

Technical Standards and Safety Authority

Boilers and Pressure Vessels Safety

Program