

September 21, 2020

**Attention:** Tanya Francis  
TECHNICAL STANDARDS & SAFETY AUTHORITY  
345 CARLINGVIEW DRIVE  
TORONTO, ON M9W 6N9

The design submission, tracking number 2020-04502, originally received on September 11, 2020 was surveyed and accepted for registration as follows:

**CRN :** 0G22625.52 **Accepted on:** September 21, 2020  
**Reg Type:** NEW DESIGN **Expiry Date:** August 18, 2030  
**Drawing No. :** SCOPE OF CRN REGISTRATION  
**Fitting type:** SAFETY RELIEF VALVES: MODELS RXSO & RXSO-S  
Design registered in the name of : LESLIE CONTROLS INC.

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

*As indicated on AB-41 Statutory Declaration form and submitted documentation, the code of construction is 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 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 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 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 3337 or fax (780) 437-7787 or e-mail Dick@absa.ca.

Sincerely,



DICK, ASHLING, P. Eng.  
DOP Cert. No. D00007936

**STATUTORY DECLARATION**  
**Registration of Fittings**  
Single or Multiple Fitting Designs within one Fitting Category

I, JULIAN MILLARES, ENGINEERING MANAGER  
(name of applicant) (position title) (must be in a position of authority)  
of LESLIE CONTROLS INC.  
(name of manufacturer)  
located at 12501 TELECOM DR., TAMPA, FLORIDA, 33637, USA  
(plant address)



do solemnly declare that the fittings listed hereunder, which are subject to the Safety Codes Act (select only one)

- comply with the requirements of ASME Section VIII-1 which specifies the dimensions, (title of recognized North American Standard) materials of construction, pressure/temperature ratings and identification marking of the fittings, or
- are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with \_\_\_\_\_ as supported by the (title of code of construction or other applicable document) attached data which identifies the dimensions, materials of construction, pressure/temperature ratings and the basis for such ratings, and the identification marking of the fittings.

I further declare that the manufacture of these fittings is controlled by a quality control program which has been verified as described in the below Table as being suitable for the manufacturing of these fittings to the stated standard, regulation, code, guideline or other applicable document. The fittings covered by the declaration for which I seek registration are as provided in the Supplementary Sheet(s) attached.

**Quality Program Verification and Manufacturing Sites**

A copy of the Quality Certificate from each manufacturing site must be included

Item #	Product Description, Model or Series	Quality Program	Scope of Certification	Expiry Date	Verifying Organization	Location(s) Plant Name and address
1.	Fig. 710 RXSO, Fig. 760 RXSO-S ASME Safety Relief Valves	ASME UV	See Attached	02/07/2023	ASME	Tampa, Florida
2.						

In support of this application, the following information, calculations and/or test data are attached:

SCOPE OF CRN, DRAWINGS, CALCULATIONS, REPORTS \*\*

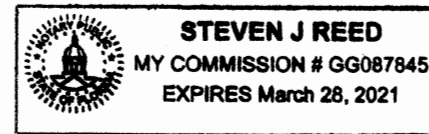
Julian Miller (Signature of the Declarer)

7/21/2020 (Date)

DECLARED before me at TAMPA in the STATE of FLORIDA this 21st day of JULY, 2020

(print) STEVEN J REED (a Commissioner of Oaths or Notary Public)

(sign) [Signature] (a Commissioner of Oaths or Notary Public)



March 28, 2020 03/28/20 (expiry date (mm/dd/yy))

Commissioner of Oaths / Notary Public in and for: FLORIDA (province, territory, or state)

For ABSA Office Use Only:

NOTES: \*\* See Scope of CRN Registration for detail.

Registration details form with fields for CRN, Registered Date, Expiry Date, and Signature.

ABSA stamp area containing registration details, date, and signature of Ashling Dick, P. Eng.

**LESLIE CONTROLS INC.**

12501 TELECOM DR.  
TAMPA, FLORIDA  
33637, USA



30-Jun-20

PAGE 1 OF 1

**SCOPE OF CRN REGISTRATION**

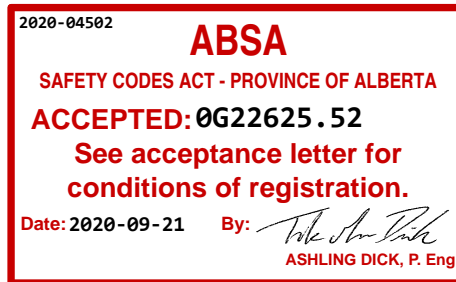
Product Description	Model	Design Code	Code Stamp	Material Specifications	Size Range	End Connection Inlet/Outlet	MAWP at MAWT (Note 1,2,3)	Report Number
ASME Safety Relief Valves	Fig. 710 RXSO	ASME Section VIII Division 1	ASME UV	Brass ASME SB283 C37700	1/2", 3/4", 1", 1-1/4", 1-1/2", 2", 2-1/2"	MNPT x FNPT	400 psig at 200°F	R-1141
ASME Safety Relief Valves	Fig. 760 RXSO-S	ASME Section VIII Division 1	ASME UV	Stainless Steel ASME SA351-CF8M, SA479-316	1/2", 3/4", 1", 1-1/4"	MNPT x FNPT	400 psig at 400°F	R-1141

**Note 1:** MAWP = Maximum Allowable Working Pressure, MAWT = Maximum Allowable Working Temperature.

**Note 2:** The pressure-temperature ratings shown are the maximum CRN pressure-temperature ratings. In all cases the pressure-temperature ratings may be limited by the seat and seal materials. Please consult Leslie Controls, Inc.

**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 copy of National Board Listing.



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.

**Leslie Controls, Inc. (LSH)**

Tampa, FL 33637 United States

**This Company Manufactures or Assembles:**

Design Name: RXSO and RXSO-S NBCert # 47001

Manufacturer/Assembler	Code Sections	Expiration Date
Manufacturer	VIII Div. 1	12/18/2025

**Design Type**

[Safety Relief Valve] RXSO and RXSO-S  
 Capacity Tests: Sec. VIII Div. 1 at National Board Testing Lab on April 17, 1980  
 Method of Establishing Relieving Capacity: Flow Capacity, K  
 Certified Value: 0.604 Unitless  
 Media - Test: Air/Gas; Certified: Air, Gas  
 Set Pressure Definition: Pop  
 Blowdown Characteristics: Adjustable (Single Ring)  
 Designed by: Leslie Controls, Inc. {LSH}

Inlet Size	Outlet Size	Flow Area	Orifice [designator] dia.	Lift	Set Pressure Range	Media	Code Section
0.5-0.75 NPS	.75, 1 NPS	0.059 in <sup>2</sup>	0.75 in	0.025 in	15-300 psi	Air	VIII Div. 1
0.5-0.75 NPS	.75, 1 NPS	0.118 in <sup>2</sup>	0.75 in	0.05 in	15-400 psi	Air	VIII Div. 1
0.5-1 NPS	1, 1.25 NPS	0.204 in <sup>2</sup>	1 in	0.065 in	15-400 psi	Air	VIII Div. 1
0.75-1.25 NPS	1.25, 1.5 NPS	0.326 in <sup>2</sup>	1.25 in	0.083 in	15-400 psi	Air	VIII Div. 1
1-1.5 NPS	1.5, 2 NPS	0.424 in <sup>2</sup>	1.5 in	0.09 in	15-400 psi	Air	VIII Div. 1
1.25-2 NPS	2, 2.5 NPS	0.628 in <sup>2</sup>	2 in	0.1 in	15-400 psi	Air	VIII Div. 1
2.5 NPS	3 NPS	0.864 in <sup>2</sup>	2.5 in	0.11 in	15-400 psi	Air	VIII Div. 1
3 NPS	3, 4 NPS	1.131 in <sup>2</sup>	3 in	0.12 in	15-400 psi	Air	VIII Div. 1