



the pressure equipment safety authority

9410 - 20 Ave N.W.  
Edmonton, Alberta, Canada T6N 0A4  
Tel: (780) 437-9100 / Fax: (780) 437-7787

July 12, 2019

**Attention:** Scott Islip  
ROUND ENGINEERING INC  
10 SEGWUN ROAD  
WATERDOWN, ON L8B 0K6

The design submission, tracking number 2019-04326, originally received on June 17, 2019 was surveyed and accepted for registration as follows:

**CRN :** 0H19815.2 **Accepted on:** July 12, 2019  
**Reg Type:** NEW DESIGN **Expiry Date:** July 12, 2029  
**Drawing No. :** SCOPE OF CRN REGISTRATION  
**Fitting type:** SCRUBBER AND SCRUBBER INDICATOR  
Design registered in the name of : SPECTRASENSORS INC

<b>Description</b>	<b>MAWP</b>	<b>Design Temperature</b>
Internal Pressure	345kPa	60 °C

**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 ASME B31.3.*

- *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 3388 or fax (780) 437-7787 or e-mail Liu@absa.ca.

Sincerely,

LIU, XING, P. Eng.  
DOP Cert. No. D00008861

STATUTORY DECLARATION Registration of Fittings

In this space, show facsimile of manufacturer's logo or trademark as it will appear on the fitting. SpectraSensors An Endress+Hauser Company

I, Mathias Schrempel, Quality Director (name of applicant) (position title) must be in a position of authority of SpectraSensors, Inc. (name of manufacturer) located at 11027 Arrow Route, Rancho Cucamonga, CA,91730,USA (plant address)

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

- comply with the requirements of ASME B31.3 which specifies the dimensions, 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 attached (title of code of construction or other applicable document)

data which identifies the dimensions, materials of construction, pressure/temperature ratings and the basis for such ratings, and the marking of the fittings for identification.

I further declare that the manufacture of these fittings is controlled by a quality control program which has been verified by the following authority, ISO 9001:2015 DQS Inc. as being suitable for the manufacture of these fittings to the stated standard. The fittings covered by this declaration, for which I seek registration, are

CATEGORY H - 2 INCH AND 3 INCH SCRUBBER AND SCRUBBER INDICATOR (brief description of fittings)

In support of this application, the following information, calculations and/or test data are attached: SCOPE OF CRN, DRAWINGS, CALCULATIONS, REPORTS

DECLARED before me at Rancho Cucamonga in the State of California this 6th day of JUNE, 2019

(print) Marissa Rodriguez (a Commissioner of Oaths or Notary Public)

(sign) SEE ATTACHED (a Commissioner of Oaths or Notary Public)

(signature of applicant)

For ABSA Office Use Only:

NOTES:

To the best of my knowledge and belief, the application meets the requirements of the Safety Codes Act and CSA Standard B51, Clause 4.2, and is accepted for registration in Category H

Registration Number: OH19815.2 (Signature of the Administrator/SCO)

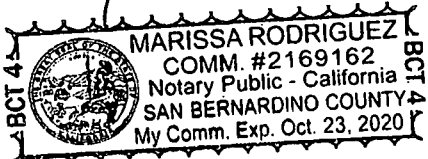
Date Registered: 2019-07-12 Expiry Date: 2029-07-12

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California  
County of San Bernardino

Subscribed and sworn to (or affirmed) before me on this 6th  
day of June, 2019, by \_\_\_\_\_

Mathias Schrempel  
proved to me on the basis of satisfactory evidence to be the  
person(s) who appeared before me.



(Seal)

Signature \_\_\_\_\_

**SCOPE OF CRN REGISTRATION**

Product Description	Main Drawing	Part Numbers	Process Connection	Design Code	Material Specification	MAWP at MAWT (psig)	Report Number
2 Inch Scrubber, 3 Inch Scrubber	8700004000	0220351000, 8000002318, 8000002227, 0220352000, 8000002321, 8000002200	1/4" NPT (Note 3)	ASME B31.3	Stainless Steel ASTM A269-316L, Stainless Steel ASTM A479-316L, Bolting Option 1: ASTM A453 Grade 660 Class B, Bolting Option 2: ASTM F879 Group 1 CW 304	50 psig at 140°F	R-1073A
Scrubber Indicator	8000002174	8000002174	1/4" NPT (Note 3)	ASME B31.3	Stainless Steel ASTM A479-316L, Pyrex Borosilicate Glass	50 psig at 140°F	R-1073B
	8000002321	8000002321					
	8000002202	8000002202					

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

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

**Note 3:** When supplied with a Tube Fitting installed in the process connection the Tube Fitting shall have its own separate CRN.

**ABSA**

SAFETY CODES ACT - PROVINCE OF ALBERTA

REGISTRATION OF FITTINGS

0H 198 15.2

REGISTRATION NO. \_\_\_\_\_

DWG. NO. or CAT. NO. Scope of CRN Registration

TYPE OF FITTINGS Scrubber & Indicator

2019-07-12 Date INITIALS ML

XING LIU, P.Eng.  
DESIGN SURVEY ENGINEER