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[www.tssa.org](http://www.tssa.org)

July 24, 2019

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

**Service Request Type:** BPV-Fitting Registration  
**Service Request No.:** **2643846**  
**Your Reference No.:** R-1074  
**Registered to:** SPECTRASENSORS, INC

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.:** **0H19815.25**

**Main Design No.:** Scrubber and Scrubber Indicator (see the attachment to the Statutory Declaration for the scope of registration.)

**Expiry Date:** 12-Jul-2029

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](mailto: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,



Mark Valcic P. Eng.  
Engineer Specialist BPV  
Tel.: 416-734-3494  
Fax: 416-231-1626  
Email: [mvalcic@tssa.org](mailto:mvalcic@tssa.org)



**TECHNICAL STANDARDS & SAFETY AUTHORITY**  
 14th Floor, Centre Tower  
 3300 Bloor Street West  
 Toronto, Ontario  
 Canada M8X 2X4

Show facsimile of manufacturer's logo or trademark, as it will appear on the fitting, in the space below

**SpectraSensors®**  
 An Endress+Hauser Company

**STATUTORY DECLARATION**  
**Registration of Fittings**

I, MATHIAS SCHREMPEL, QUALITY DIRECTOR

(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of SPECTRASENSORS, INC.

(Name of Manufacturer)

Located at 11027 Arrow Route, Rancho Cucamonga, CA, 91730, USA

(Plant Address)

1-909-948-4120

(Telephone No.)

(Fax No.)

do solemnly declare that the fittings listed hereunder, which are subject to the **Technical Standards and Safety Act**, Boilers and Pressure Vessels Regulation, comply with all of the requirements of ASME B31.3

(Title of recognized North American Standard)

which specifies the dimensions, materials of construction, pressure/temperature ratings, identification marking the fittings and service;

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 data which identifies the dimensions, material of construction, pressure/temperature ratings and the basis for such ratings, the marking of the fitting for identification and service.

I further declare that the manufacture of these fittings is controlled by a quality system meeting the requirements of ISO 9001:2015 which has been verified by the following authority, DQS Inc.

The items covered by this declaration, for which I seek registration, are category H-Scrubber+Scrubber Indicator type fittings. In support of this application, the following information and/or test data are attached as follows:  
SCOPE OF CRN, DRAWINGS, CALCULATIONS, REPORTS

(drawings, calculations, test reports, etc.)

Declared before me at Rancho Cucamonga In the State of California  
 the 6 day of JUNE AD 20 19.

Commissioner for Oaths:

Manssa Rodriguez

(Printed name)

**SEE ATTACHED**  
 (Signature)

M. Schempel  
 (Signature of Declarer)

**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 H.

CRN: OH198/15.25

Registered by: Mark Valcic, P.ENG

Dated: July 29, 2019

NOTE: This registration expires on July 12, 2029

Technical Standards and Safety Authority	Boilers and Pressure Vessels Safety Program
<b>REGISTERED</b>	
CRN: <u>OH198/15.25</u>	
Signed: <u>M. Valcic</u>	
Date: <u>July 29, 2019</u>	

**NOTE: SEE THE ATTACHMENT FOR THE SCOPE OF REGISTRATION.**  
Mark Valcic  
July 24/19

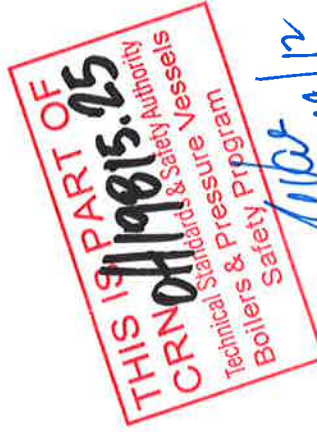
**SCOPE OF CRN REGISTRATION**

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,	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
		8000002318,					
		8000002227,					
		0220352000, 8000002321, 8000002200					
Scrubber Indicator	8000002174 8000002321 8000002202	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					
		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.



*Handwritten signature and date: 5/24/19*