

April 04, 2024

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

The design submission, Tracking Number 2024-01696, Web Portal Number 2024-S1212, originally received on March 20, 2024 was surveyed and accepted for registration as follows:

**CRN :** 0H23982.2 **Accepted on:** April 04, 2024

**Reg Type:** NEW DESIGN **Expiry Date:** April 04, 2034

**Drawing No. :** Scope of CRN Registration

**Fitting type:** JT33 Analyzer System

Design registered in the name of : ENDRESS + HAUSER OPTICAL ANALYSIS INC

Description	MAWP	Design Temperature	MDMT
Internal Pressure	689kPa	60 °C	-20 °C

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

*As indicated on AB-41 Statutory Declaration or AB-351 Declaration of Conformity form and submitted documentation, the code of construction are ASME B31.3 and ASME B31.1.*

- *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 or AB-351 Declaration of Conformity 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 or AB-351 Declaration of Conformity 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, and maintains a valid Certification of Authorization Permit if required by the jurisdiction where manufacturing takes place, 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 3306 or fax (780) 437-7787 or e-mail Wangi@absa.ca.

Sincerely,



WANG, IAN, P. Eng.  
DOP Cert. No. D00009643

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

I, Dr. Florian Krogmann, Vice President of Technology  
(name of applicant) (position title) (must be in a position of authority)  
of Endress+Hauser Optical Analysis, Inc.  
(name of manufacturer)  
located at 11027 Arrow Route, Rancho Cucamonga, CA, 91730  
(plant address)

In this space, show facsimile of manufacturer's logo or trademark as it will appear on the fitting.



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 B31.3, ASME B31.1 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.	JT33 Analyzer System	ISO 9001: 2015	Design, Manufacture, Repair	2024-08-13	DQS Inc.	Cucamonga, CA
2.						

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

Scope of CRN, Drawings, Calculations, Reports

(Signature of the Declarer)

2024-03-14 (Date)

DECLARED before me at \_\_\_\_\_ in the \_\_\_\_\_ of \_\_\_\_\_ (city) (province, territory, or state)

this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ (Month) (Year)

(print) \_\_\_\_\_ (a Commissioner of Oaths or Notary Public)

(sign) \_\_\_\_\_ (a Commissioner of Oaths or Notary Public)

\_\_\_\_\_ (expiry date (mm/dd/yy))

See Attached Notary Certificate

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

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, Part 1, Clause 4.2, and is accepted for registration in Category \_\_\_\_\_.

CRN: \_\_\_\_\_

Registered Date: \_\_\_\_\_

Expiry Date: April 4, 2034

Signature: \_\_\_\_\_ (Signature of the Administrator/SCO)

The information you provide is necessary only for the administration of the programs as required by the Alberta Safety Codes Act and Regulations in the Pressure Equipment Discipline

2024-01696 ABSA SAFETY CODES ACT - PROVINCE OF ALBERTA ACCEPTED: CH23982 2 See acceptance letter for conditions of registration. Date: 2024-04-04 By: IAN WANG, P. Eng. DOP: D00009643

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.

# CALIFORNIA JURAT

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 14<sup>th</sup> day of March, 2024  
Date Month Year

by Florian Krogmann

Name of Signers

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

Signature:   
Signature of Notary Public



Seal  
Place Notary Seal Above

## OPTIONAL

Though this section is optional, completing this information can deter alteration of the document or fraudulent attachment of this form to an unintended document.

### Description of Attached Document

Title or Type of Document: Statutory Declaration Registration of Fittings

Document Date: 03/14/24

Number of Pages: 3

Signer(s) Other Than Named Above: \_\_\_\_\_

**SCOPE OF CRN REGISTRATION**

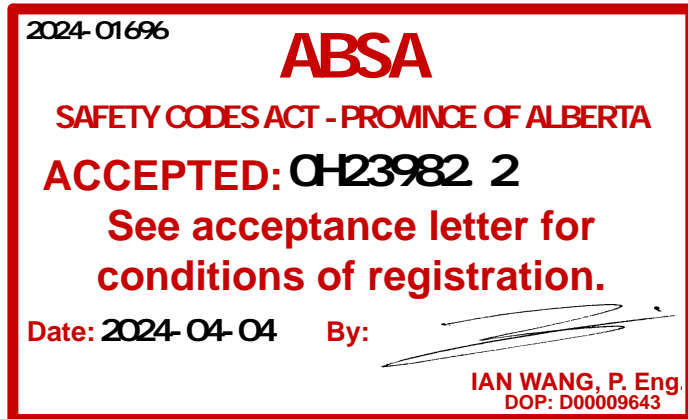
Product Description	Drawing Number(s)	Design Code	Tube Sizes	Tubing Material Specification	MAWP at MAWT	MDMT	Report Number
JT33 Analyzer System	8300002044 Rev.A	ASME B31.3, ASME B31.1	1/8", 1/4"	ASTM A213 TP316L, ASTM A249 TP316L, ASTM A269 TP316L, ASTM A270 TP316L	6.89 barg at 60°C / 100 psig at 140°F	-20°C / -4°F	R-2007 Rev. 0

**Note 1:** MAWP = Maximum Allowable Working Pressure, MAWT = Maximum Allowable Working Temperature, MDMT = Minimum Design Metal 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:** Per CSA Table 1 Note (2)(B) the total volume of any configured panel assembly shall not exceed 1.5 cubic feet in volume.

**Note 4:** Low pressure components limited to operating pressure <= 103 kPa are not included in the Scope of the Registration.



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