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www.tssa.org

September 14, 2015

SCOTT ISLIP
ROUND ENGINEERING INC
10 SEGWUN RD
WATERDOWN ON L0R 2H8
CA

Service Request Type.: BPV-National AB
Service Request No.: 1677744
Your Reference No.: MODEL: CLS50, CLS50D
Registered to.: ENDRESS + HAUSER CONDUCTA INC

Dear SCOTT ISLIP,

Please find enclosed the original response from AB, registered under the CRN No.: 0F01251.02.

As all jurisdictional fees are handled by the Technical Standards and Safety Authority (TSSA), you do not pay any jurisdictions directly.

Should you have any questions or require further assistance, I will be happy to assist you.
For general enquiries, please contact a Customer Service Advisor at 1.877.682.TSSA (8772) or e-mail customerservices@tssa.org. When contacting TSSA regarding this file, please refer to the Service Request number provided above.

Yours truly,

Tanya Francis
Administrative Assistant_ BPV Engineering
Tel. : 416-734-3423
Fax : 416-231-6183
Email : tfrancis@tssa.org

July 30, 2015

Attention: Tanya Francis
TECHNICAL STANDARDS & SAFETY AUTHORITY
3300 BLOOR STREET WEST
14 FLOOR CENTRE TOWER
TORONTO, ON M8X 2X4

The design submission, tracking number 2015-05149, originally received on July 10, 2015 was surveyed and accepted for registration as follows:

CRN : 0F01251.02

Accepted on: July 30, 2015

Reg Type: New Design

Expiry Date: April 13, 2025

Drawing No. : MODEL: CLS50, CLS50D As Noted

Fitting type: SENSORS

Design registered in the name of : ENDRESS + HAUSER CONDUCTA INC

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

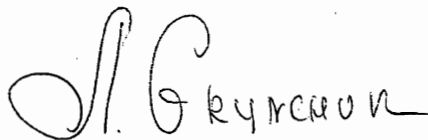
This registration is valid only for fittings fabricated at the location(s) covered by the QC certificate attached to the accepted AB-41 Statutory Declaration form. This registration is valid only until the indicated expiry date only if the Manufacturer maintains a valid quality management system approved 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.

This submission has been accepted for registration based review and acceptance of the design under CRN 0F1251.0 by another jurisdiction, in accordance with the Association of Chief Inspectors Policy on Reciprocal Recognition of Design Review for Fitting Design Registration

An invoice covering survey and registration fees will be forwarded from our Revenue Accounts.

Enclosed are stamped prints for your reference.

Sincerely,



GRYNCHUK, MILLA



the pressure equipment safety authority

STATUTORY DECLARATION
Registration of Fittings

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

Endress + Hauser
EH

I, MIKE YOUROSKI,

QUALITY MANAGER

(company title, e.g. vice president, plant manager, chief engineer) (must be in a position of authority)

of ENDRESS+HAUSER CONDUCTA INC.

(name of manufacturer)

located at 4123 LA PALMA AVE., ANAHEIM, CA, USA, 92807

(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 which specifies the dimensions, (title of recognized North American Standard)

materials of construction, pressure/temperature ratings and identification marking of the fittings, or

[X] are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with ASME VIII-1 PROOF TEST as supported by the attached 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, SQS (ISO 9001:2008) 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 CAT. F CLS50/50D

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

PROOF TEST REPORT, DRAWINGS

DECLARED before me at Anaheim in the County of Orange

this 20 day of March, 2015

(print) William E. Zinn

Mike Youroski (Signature of Applicant)

(sign) (A Commissioner for Oaths)

For Office Use Only

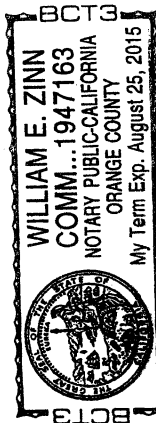
To the best of my knowledge and belief, the application meets the requirements of the Safety Codes Act and CSA Standard B51, Clause 4.2, and is accepted for registration in Category

Registration Number: OF01251.02

Date Registered: JUL 30 2015

(For the Administrator/Chief Inspector of Alberta)

Expiry Date: 2015-01-13



SR # 16 46 244

REGISTRATION OF FITTINGS

OF 01251.02

REGISTRATION NO.

DWG. NO. or CAT. NO.

TYPE OF FITTINGS

SCOPE OF CRN REGISTRATION

ENDRESS+HAUSER CONDUCTA INC.
4123 LA PALMA AVE.
ANAHEIM, CA.
92807, USA

25-May-15

JUL 30 2015

Scope Sensors

Model	Sensor Material	CRN Maximum Allowable Working Pressure (psig)	CRN Maximum Allowable Working Temperature (F)
CLS50/CLS50D	PFA	290	257
CLS50/CLS50D	PEEK	290	356
CLS50D		CLS50	
Approval AA Non-hazardous area BA Atex II 1G Ex ia IIC T3/T4/T6 BV Atex II 3G Ex nL IIC T4/T6 + NEPSI Ex nL IIC T4/T6 C2 CSA IS NI Cl. I, II, III, Div. 1&2, Group A-G FB FM IS NI Cl. I, II, III, Div. 1&2, Group A-G NA NEPSI Ex ia IIC T4/T6 Process Connection A Lap joint flange DN 50 PN 10, PP-GF B Lap joint flange ANSI 2" 150 Lbs, PP-GF C Lap joint flange JIS 10 K 50 A, PP-GF 1 Thread G3/4" 2 Thread NPT 1", PEEK 3 Flange DN 50 PN 16, stainless steel 1.4404(AISI 316L) 4 Flange ANSI 2" 300 Lb., stainless steel 1.4404 (AISI 316L) 5 Flange DN 50 PN 16, stainless steel 1.4404 (AISI 316L), PTFE sealing disk 6 Flange ANSI 2" 300 Lb., stainless steel 1.4404 (AISI 316L), PTFE sealing disk 7 Flange JIS 10 K 50 A, stainless steel 1.4404 (AISI 316L), PTFE sealing disk 8 Flange DN 50 PN 16, stainless steel 1.4404 (AISI 316L), welded PFA sealing plate sensor Material: sensor, seal, adapter B PEEK, VITON, PEEK C PEEK, CHEMZRAZ, PEEK D PFA, CHEMZRAZ, stainless steel 1.4571 (AISI 316 Ti) Cable length 1 3 m (9.84 ft) 2 7 m (23 ft) 3 15 m (49 ft) 7 ... m fixed cable, max 50 m 8 ... ft fixed cable, max 164 ft Cable connection 1 Fixed cable, terminated cable cores 2 Fixed cable, M12 plug order code		Approval A Non-hazardous area G Atex II 1G Ex ia IIC T4/T6 Ga H NEPSI EX ia IIC T4/T6 L Non-hazardous area, PWIS free O FM IS NI Cl. I, II, III, Div. 1&2, Group A-G S CSA IS NI Cl. I, II, III, Div. 1&2, Group A-G T TIIS V ATEX II 3G Ex nL IIC T4/T6 + NEPSI Ex nL IIC T4/T6 Process Connection A Lap joint flange DN 50 PN 10, PVDF B Lap joint flange ANSI 2" 150 Lbs, PVDF C Lap joint flange JIS 10 K 50 A, PVDF 1 Threaded G3/4" 2 Thread NPT 1", PEEK 3 Flange DN 50 PN 16, stainless steel 1.4404 (AISI 316L) 4 Flange ANSI 2" 300 lbs, stainless steel 1.4404 (AISI 316L) 5 Flange DN 50 PN 16, stainless steel 1.4404 (AISI 316L), PTFE sealing disc 6 Flange ANSI 2" 300 lbs, stainless steel 1.4404 (AISI 316L), PTFE sealing disc 7 Flange JIS 10 K 50 A, stainless steel 1.4404 (AISI 316L), PTFE sealing disc 8 Flange DN 50 PN 16, stainless steel 1.4404 (AISI 316L), welded PFA sealing plate sensor Material: sensor, seal, adapter A PFA, CHEMZRAZ, stainless steel 1.4571 (AISI 316 Ti) B PEEK, VITON, PEEK C PEEK, CHEMZRAZ, PEEK Cable length 1 5 m (16 ft) fixed cable, max. 125 C (257 F) 2 10 m (32 ft) fixed cable, max. 125 C (257 F) 3 20 m (65 ft) fixed cable, max. 125 C (257 F) 4 fixed cable of specified length, max. 55 m (180 ft), max. 125 C (257 F) 5 5 m (16 ft) fixed cable, max. 180 C (356 F) (PEEK only, version for non-hazardous area only) 6 10 m (32 ft) fixed cable, max. 180 C (356 F) (PEEK only, version for non-hazardous area only) order code	

**THIS IS PART OF
CRN OF 1251.02**
Technical Standards & Safety Authority
Boilers & Pressure Vessels
Safety Program

Notes:

- When process connections A,B,C,3,4,5,6,7 or 8 are specified the flange used is to be complete with a CRN Number and the maximum operating conditions are limited to the above CRN Pressure/Temperature ratings or the flange code of construction ratings, whichever is more restrictive.
- When process connection 2 is specified the maximum operating conditions are limited to the CRN Pressure/Temperature ratings.
- Other process connections not shown above may be supplied in different sizes, dimensions, pressure classes, materials, etc. as long as those process connection fittings are complete with a CRN. When other process connection fittings are supplied the maximum operating conditions are limited to the above CRN Pressure/Temperature ratings or to the connection fitting CRN registered code of construction, whichever is more restrictive.