CERTIFICATE OF COMPLIANCE

EL Class I

Date of issue: 29 October 2024

Valid until: 31 December 2025

EHEDG hereby declares that the product

Refractometers: PR-23-AC, PR53AC, PR53AP in combination with SEFC Flow Cell and SEFCL elbow with wash nozzle / blind plug with EPDM gasket

from

Vaisala Oyj, Vanha Nurmijärventie 21 , 01670 Vantaa, Finland

has/have been evaluated for compliance and meets/meet the current criteria for Hygienic Equipment Design of closed process applications of the EHEDG

Certificate No. EHEDG-C2400053

Signed _____ *President EHEDG*
Hein Timmerman

Signed _____ *EHEDG Certification Officer*
Karlijn Faber

EHEDG
Karspeldreef 8
1101 CJ Amsterdam
Netherlands

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APPENDIX 3
EHEDG Certification – Equipment Evaluation Form

Design Evaluation Date: 15.12.2023

EHEDG File Number: EHEDG-R2400068

Certification Type: EL CLASS I

Applicant: Vaisala Oyj, Vanha Nurmijärventie 21, 01670 Vantaa. Finland

Equipment: Refractometers: PR-23-AC, PR53AC, PR53AP in combinatio with SEFC Flow Cell and SEFCL elbow with wash nozzle / blind plug with EPDM gasket

Other essential identification:

Sensor heads/options:

- PR-23-AC, PR53AC 14 mm sensor head with 2,5” tri-clamp
- PR-23-AC, PR53AC 14 mm sensor head with Varinline
- PR53AP 42 mm sensor head with 2,5“ tri-clamp
- PR53AP 66 mm sensor head with 4“ tri-clamp
- PR53AP 170 mm sensor head with 2,5” tri-clamp
- PR53AP 170 mm sensor head with 4“ tri-clamp

Mounting parts and wash nozzle:

- SEFC Flow Cell inlet/outlet sizes: 1“, 1½“, 2“ and 2,5“ (for PR53AC)
- SEFCL elbow inlet/outlet sizes: 3” and 4” (for PR53AC or PR53AP)
- SEFC and SEFCL with either wash nozzle (adapted to fit the length of the sensor head) or blind plug both with EPDM gasket

Evaluated by:

Name: Alan Friis

Date, Signature: 18.10.2024

Approved by:

Name: Shih Rong Huang

Date, Signature: Willy Shih-Rong Huang **19.10.2024**

The original of this form will be kept by EHEDG together with the application, the evaluation report, the evidence provided and any other relevant documentation, as listed on the back.

The use of the EHEDG Certification logo is justified based on the results of the design evaluation, inspection, and testing (as applicable) of the equipment for compliance with the current EHEDG Hygienic Design Criteria (HDC):

Criteria	Certification for **use in Closed Processes**
☐	The equipment complies with all applicable HDC in the Guidelines.
☒	Evidence for compliance required and provided by in-place cleanability test method according to EHEDG Doc. 2.
☐	Evidence for compliance required and provided by in-place cleanability test method according to EHEDG Doc. 2, in-place sterilisability test method according to EHEDG Doc. 5, and bacteria tightness test according to EHEDG Doc. 7 for **EL ASEPTIC** Certification.
Criteria	Certification for **use in Open Processes**
☐	The equipment complies with all applicable HDC in the Guidelines.
☐	Evidence for compliance required and provided by OPC cleanability test method according to EHEDG Doc. 57.

APPENDIX 3

No.	Description
1.	EHEDG Certificate of Compliance
2.	Contract to use the EHEDG certification logo
3.	Appendix 1: Equipment intended for cleaning in place with liquids without dismantling
4.	Appendix 2: Conditions for use of the EHEDG certification logo
5.	Appendix 3: Equipment evaluation form
6.	EHEDG Hygienic Design Criteria Evaluation Report FORCE CHD DR 2024 123-29316
7.	Orignal drawings: ASM215001-A, ASM215016-A, DRW256537-B, ASM215002-A, ASM214992-A, ASM215038-A, ASM256645-C, ASM214997-A, ASM215040-A, ASM214731-A, ASM214990-A, ASM256626-B.1, ASM214994-A, ASM215036-A, DRW252500-A, DRW257173-A, ASM214866-D, ASM214883-D (2 pages), ASM214866-D, ASM214901-E, DRW259429-C, DRW258232-C, DRW259029-D, DRW259033-D
8.	Extract of installation manual
9.	Test report FORCE CHD TR 2024 123-29316-1 and FORCE CHD TR 2024 123-29316-2
10.	Example of the EHEDG Certification Logo Type EL Class I