



EL Class I

Date of issue: 5 September 2023

Valid until: 31 December 2026

EHEDG hereby declares that the product


rotary lobe pump NOVALOBE, sizes NL10, NL20, NL30, NL40, NL50 and BiWing or Multilobe rotors with EPDM or FKM gaskets and SiC/C or SiC/SiC mechanical seal

from

GEA Hilge Niederlassung der GEA Tuchenhausen GmbH, Hilgestr. 37-47, 55294 Bodenheim, Germany

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

Certificate No. EHEDG-C2300054

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: 23.03.2022

EHEDG File Number: EHEDG-R2300029

Certification Type: EL CLASS I

Applicant: GEA HILGE subsidiary of GEA Tuchenhausen GmbH

Equipment: rotary lobe pump NOVALOBE, sizes NL10, NL20, NL30, NL40, NL50 and BiWing or
Multilobe rotor with EPDM or FKM gaskets and SiC/C or SiC/SiC mechanical seal

Other essential identification:

Evaluated by:

Name: Dr. Jürgen Hofmann

Approved by:

Name: Alan Friis

Title: AEO

Alan Friis

Digitally signed by

Alan Friis

Date: 2023.09.05

08:22:07 +02'00'

Date, Signature: _____

1. Results of inspection for compliance with the EHEDG Hygienic Design Criteria.

Conclusion:

The equipment complies with the criteria.

YES ☐

The use of the EHEDG Certification logo is justified:

MAYBE ☒

2. Evidence for compliance provided and convincing for Certification.

Conclusion:

The equipment complies with the criteria where possible.

YES ☒

The use of the EHEDG Certification logo is justified:

Signature:



Date: 04.09.2023

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

Appendix 3

No.	Description
1.	EHEDG Certificate of Compliance
2.	Contract to use the EHEDG Certification Logo for equipment
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.	Evaluation report of the design of the rotary lobe pump NOVALOBE, sizes NL10, NL20, NL30, NL40, NL50 and BiWing or Multilobe rotor with EPDM or FKM gaskets and SiC/C or SiC/SiC mechanical seal, no. 762TUM2023
7.	Drawings of the rotary lobe pump NOVALOBE, sizes NL10, NL20, NL30, NL40, NL50 and BiWing or Multilobe rotor with EPDM or FKM gaskets and SiC/C or SiC/SiC mechanical seal, drawing nos. P.281.0000.0001 R1, P.282.0000.0018 R1, P.284.0000.0006 R1 P.286.0000.0002 R1, P.288.0000.0018 R2; original stamped
8.	Test report of the in-place cleanability test method, no. 762/26.10.2022.
9.	Cleaning and Installation manual no. BA.280.YYY.001.GB_6 provided by the equipment supplier
10.	Example of EHEDG Certified Logo Type EL CLASS I