

CERTIFICATE OF COMPLIANCE



EL Class I

Date of issue: 19 November 2024

Valid until: 31 December 2025

EHEDG hereby declares that the product

rotary positive displacement pump, type JRZL series ZL100, ZL200, ZL300 and ZL400 with EPDM O-rings, SiC-SiC mechanical seals and bi-wing rotors

from

JEC LTD., 15-26, Beodeul-ro 1362, Paltan-myeon, 18578 Hwaseong-si, Gyeonggi-do, South Korea

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-C2400062

Signed _____ *Hein Timmerman* _____ *President EHEDG*

Signed _____ *Karlijn Faber* _____ *EHEDG Certification Officer*

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APPENDIX 3 EHEDG Certification – Equipment Evaluation Form

Design Evaluation Date: 21.03.2024

EHEDG File Number: EHEDG-R2400020

Certification Type: EL CLASS I

Applicant: JEC LTD.

Equipment: rotary positive displacement pump, type JRZL series ZL100, ZL200, ZL300 and ZL400 with EPDM O-rings, SiC-SiC mechanical seals and bi-wing rotors

Other essential identification:

Evaluated by:

Name: Dr. Jürgen Hofmann

Date, Signature: 11.11.2024

Approved by:

Name: Mark Morgan

Date, Signature: Mark T Morgan 12.11.2024

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
<input type="checkbox"/>	The equipment complies with all applicable HDC in the Guidelines.
<input checked="" type="checkbox"/>	Evidence for compliance required and provided by in-place cleanability test method according to EHEDG Doc. 2.
<input type="checkbox"/>	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
<input type="checkbox"/>	The equipment complies with all applicable HDC in the Guidelines.
<input type="checkbox"/>	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 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 positive displacement pump, type JRZL series ZL100, ZL200, ZL300 and ZL400 with EPDM O-rings, SiC-SiC mechanical seals and bi-wing rotors, no. 627TUM2024
7.	Drawings of the rotary positive displacement pump, type JRZL series ZL100, ZL200, ZL300 and ZL400 with EPDM O-rings, SiC-SiC mechanical seals and bi-wing rotors, drawing nos. 11201-A00000-00, 12201- A00000-00, 13301-A00000-00, 14401- A00000-00, JRZL-T00000-00; original stamped
8.	Test report of the in-place cleanability test method according to Doc. 2, Test no. 627/11.06.2018.
9.	Cleaning and Installation manual JRZL-Ver2401 supplied by the manufacturer
10.	Example of EHEDG Certified Logo Type EL CLASS I