

CERTIFICATE OF COMPLIANCE

Valid until end: December, 2017



*TÜV Rheinland Nederland B.V.  
hereby declares that the product*

*VARIFLOW Centrifugal Pump Type TP3050-DN65  
with EPDM seals and C/SiC single mechanical seal*

*from*

*GEA Tuchenhagen GmbH at Büchen, Germany*

*has been evaluated for compliance with  
the Hygienic Equipment Design Criteria of the EHEDG, by:*

*TNO at Zeist, The Netherlands  
and meets the criteria as demonstrated by:*

*Evaluation Report No. MIC-HPD/DER-040-2015*

*Signed*

*J. Kastelein, Evaluation Officer*

*Signed*

*C.C.M. van Houten, TÜV Rheinland Nederland B.V.*

*Certificate No. PE 107180  
Date of issue: December 16, 2016*

©EHEDG

*TÜV Rheinland Nederland B.V.  
P.O. Box 2220, 6802 CE Arnhem  
the Netherlands*

[www.tuv.com/nl](http://www.tuv.com/nl)

 **TÜVRheinland®**  
Precisely Right.

Appendix 3

**EHEDG CERTIFICATION - EQUIPMENT EVALUATION FORM**  
**OFFICIAL ENGLISH VERSION**

**EQUIPMENT INTENDED FOR CLEANING WITH LIQUID WITHOUT DISMANTLING, TYPE EL CLASS I**

**Equipment:** GEA Tuchenhagen GmbH, Büchen, Germany

Name: VARIFLOW Centrifugal Pump

Type no.: TP3050 – DN65

Other essential identification: EPDM seals and C/SiC single mechanical seal

Date: May 2016

Number: 15-040

**Evaluated by:**

Name: **J. Kastelein**

EHEDG or EHEDG Authorized Organization:

TNO, Zeist, Netherlands



**Approved by:**

Name: Andy Timperley,

EHEDG or EHEDG Authorized Organization:

Campden BRI, Chipping Campden, UK

Date, Signature: 16th December 2016

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

Conclusion :

**The equipment complies with the criteria.**

**The use of the EHEDG Certification Type EL CLASS I logo is justified :**

YES

MAYBE

NO

2. Only unavoidable reasons for non-compliance present. Evidence for compensation provided and convincing for Certification.

Conclusion :

**The equipment complies with the criteria where possible.**

**The use of the EHEDG Certification Type EL CLASS I logo is justified :**

YES

NO

Signature :

J. Kastelein

Date : May 2016

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

<b>Type EL Certification :</b>	<input checked="" type="radio"/> <b>Yes</b>
	<input type="radio"/> <b>No</b>
<i>Cross out as appropriate.</i>	

*To be printed on the reverse side  
of the  
EHEDG Certification - Equipment Evaluation Form*

<b>No.</b>	<b>Description:</b> VARIFLOW Centrifugal Pump TP3050
001	Contract to use the EHEDG Certification Logo for equipment
002	Appendix 1A: EHEDG Authorised Certification Organisations
003	Appendix 1B: EHEDG Certification Type EL, Equipment intended for cleaning with liquids without dismantling
004	Appendix 2: Conditions for use of the EHEDG Certification Logo
005	Appendix 3: EHEDG Certification – Equipment Evaluation Form
006	In-place Cleanability test Report TNO2015 R10864
007	Hygienic design evaluation report MIC-HPD/DER-040-2015
008	Certificate of Compliance with Hygienic Equipment Design criteria of EHEDG
009	Example of the EHEDG EL Logo with month and year
010	The drawing of the pump is implemented in the evaluation report.