EL Class I

EHEDG hereby declares that the product

ZAL, sizes ZALRP18 and ZALP21 with EPDM gaskets, SiC/SiC mechanical seal and drain valve RE15-P-O

from

SAWA Pumpentechnik AG, Taastrasse 40, 9113 Degersheim, Switzerland

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

Certificate No. EHEDG-C1800086

Signed ___________________________ President EHEDG
Ludvig Josefsberg

Signed ___________________________ EHEDG Certification Officer
Mirjam Steenaard

EHEDG Secretariat
Lyoner Straße 18
60528 Frankfurt am Main
Germany

©EHEDG
# EHEDG Certification – Equipment Evaluation Form

**Date:** 16.10.2018  
**EHEDG File Number:** EHEDG-C1800086  
**Certification Type:** EL CLASS I

**Applicant:** SAWA Pumpentechnik AG  
**Equipment:** centrifugal pump  
**Type or model No/s.:** ZAL, sizes ZALRP18 and ZALP21 with EPDM gaskets, SiC/SiC mechanical seal and drain valve RE15-P-O

**Other essential identification:**

**Evaluated by:**  
Name: Dr. Jürgen Hofmann

**Approved by:**  
Name: Mark Morgan  
Title: AEO  
Date, Signature: [Signature]

---

### 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 logo is justified:  
YES ☐  
MAYBE ☑

### 2. Evidence for compliance provided and convincing for Certification.

**Conclusion:**  
The equipment complies with the criteria where possible.  
The use of the EHEDG Certification logo is justified:  
YES ☑

---

**Signature:** [Signature]  
**Date:** 07.12.2018

---

*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.*
<table>
<thead>
<tr>
<th>No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>EHEDG Certificate of Compliance</td>
</tr>
<tr>
<td>2.</td>
<td>Contract to use the EHEDG Certification Logo for equipment</td>
</tr>
<tr>
<td>3.</td>
<td>Appendix 1: equipment intended for cleaning with liquids without dismantling</td>
</tr>
<tr>
<td>4.</td>
<td>Appendix 2: conditions for use of the EHEDG Certification Logo</td>
</tr>
<tr>
<td>5.</td>
<td>Appendix 3: Equipment evaluation form</td>
</tr>
<tr>
<td>6.</td>
<td>Evaluation report of the design of the centrifugal pump, type ZAL, sizes ZALRP18 and ZALP21 with EPDM gaskets, SiC/SiC mechanical seal and drain valve RE15-P-O, no. 629TUM2018</td>
</tr>
<tr>
<td>7.</td>
<td>Drawing of the centrifugal pump, type ZAL, sizes ZALRP18 and ZALP21 with EPDM gaskets, SiC/SiC mechanical seal and drain valve RE15-P-O, drawing nos.: 100696, 100095; original stamped</td>
</tr>
<tr>
<td>8.</td>
<td>Test report of the in-place cleanability test method according Doc. 2, no. 629/15.01.2018</td>
</tr>
<tr>
<td>9.</td>
<td>Example of EHEDG Certified Logo Type EL CLASS I</td>
</tr>
</tbody>
</table>