



Certificate of compliance Product



Holder ENOTEC GmbH, Marienheide, Germany

Compliant Item OXITEC® 5000/500E, COMTEC® 6000/600E
AQUATEC® 1000, SILOTEC® 8000

Basis of Certification IEC 61508:2010

Certification Include(s)

- ☒ Hardware
- ☒ Reliability
- ☒ Software
- ☒ Fault injection testing
- ☒ Basic safety
- ☒ User documentation

Functional Safety Data

Safety function: See report
Mode: Low demand
Type: B
HFT: 0
Hardware route: 2_H
Systematic route: 2_S
Systematic capability: SC2
Failure rates (FIT): SD=404, SU=181, DD2432, DU=793
Diagnostic coverage: 75%
Fit for use up to: SIL 2
Fit for use up to: STL 3

Certification Results Risknowlogy certifies that the above Compliant Item meets the requirements of the Basis of Certification for the selected assessment(s). The Risknowlogy report 2770.408.10 is an integral part of this certificate.

Certificate Number 2770.408.11-2

Initial Certification 2026-07-28

This Certificate 2026-07-28

Expiry Date 2031-07-28



Certifier Dr Michel Houtermans

Risknowlogy GmbH, Zug, Switzerland