



Certificate of compliance Subsystem



Holder BHDT, Kapfenberg, Austria

Compliant Item(s) HV-062105 (HPV-2105)
LV-062101 (LPV-2101)
LV-062102 (LPV-2102)
XV-062102 (XPV-2102) - 5s
XV-062102 (XPV-2102) - 20-30s
XV-062104 (XPV-2104)
XV-062105 (XPV-2105)

Basis of Certification IEC 61508:2010
IEC 61511:2016

Certification Include(s) ☒ Management of functional safety
☒ Safety requirements specification
☒ Hardware requirements
☒ Reliability requirements
☒ Basic safety
☒ User documentation

Functional Safety Data

Safety function: Upon demand close valve
Functional safety parameters: See next page

Certification Results Risknowlogy certifies that the above Compliant Item(s) meets the requirements of the Basis of Certification for the selected assessment(s). The Risknowlogy report 2628.440.16 are an integral part of this certificate.

Certificate Number 2628.440.17

Initial Certification 2020-01-23

This Certificate 2020-01-23

Expiry Date After modification of Compliant Item

Certifier Dr. Michel Houtermans





Certificate of compliance Subsystem



Subsystem	Type	SD	SU	DD	DU	SFF	HFT=0	HFT=1
HV-062105 (HPV-2105)	A	0	1275	0	613	67.5%	SIL 2	SIL 2
LV-062101 (LPV-2101)	A	0	873	0	501	63.5%	SIL 2	SIL 2
LV-062102 (LPV-2102)	A	0	1275	0	613	67.5%	SIL 2	SIL 2
XV-062102 (XPV-2102) - 5s	A	0	806	0	373	68.4%	SIL 2	SIL 2
XV-062102 (XPV-2102) - 20-30s	A	0	806	0	381	67.9%	SIL 2	SIL 2
XV-062104 (XPV-2104)	A	0	642	0	727	46.9%	SIL 1	SIL 2
XV-062105 (XPV-2105)	A	0	642	0	727	46.9%	SIL 1	SIL 2

