

CERTIFICATE OF COMPLIANCE

Subsystem

Holder: BHDT, Kapfenberg, Austria

Subsystem(s): Valve Assemblies 20-LV-5002, 20-XV-0009, 20-LV-5001

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 Instrumented Function: See report

Functional Safety Parameters: See next page and report

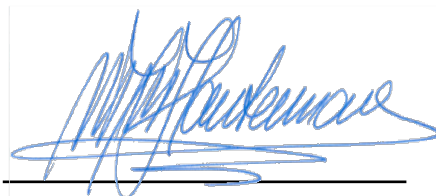
Certification Results:

Risknowlogy certifies that the above Subsystems meet the requirements of the Basis of Certification for the selected assessment(s). Risknowlogy report 2628.349.5 and the safety manuals are an integral part of this certificate.

Certificate Number: 2628.349.7

Issue Date: 2017-07-20

Expiry Date: After modification of subsystem(s)

Certifier:

dr.ir. Michel Houtermans



Subsystem	Type	SD	SU	DD	DU	SFF	HFT=0	HFT=1
20-LV-5002	A	0	1329	0	593	69%	SIL 2	SIL 2
20-XV-0009	A	0	632	0	455	58%	SIL 1	SIL 2
20-LV-5001	A	0	549	0	254	68%	SIL 2	SIL 2