



Certificate of compliance System



Holder Moto Mecánica Argentina, Buenos Aires, Argentina

Compliant Item(s) HIPPS

Basis of Certification IEC 61508:2010
IEC 61511:2016

Certification Include(s) ☒ Safety requirements specification
☒ Hardware requirements
☒ Reliability requirements

Functional Safety Data

Safety functions: See report
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 3015.503.19 is an integral part of this certificate.

Certificate Number 3015.503.20-2

Initial Certification 2022-12-05

This Certificate 2023-08-02

Expiry Date 2028-08-02

Certifier Dr Michel Houtermans





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Safety functions	Type	SD ¹	SU ¹	DD ¹	DU ^{1,2}	SFF	HFT=0	HFT=1
Safety Function #1	A	0	2150	0	321	87%	SIL 2	SIL 3
Safety Function #2	A	0	2130	0	322	87%	SIL 2	SIL 3
Safety Function #3	A	0	2300	0	458	83%	SIL 2	SIL 3
Safety Function #4	A	0	2480	0	321	89%	SIL 2	SIL 3
Safety Function #5	A	0	4160	0	321	93%	SIL 2	SIL 3
Safety Function #6	A	0	4150	0	322	93%	SIL 2	SIL 3
Safety Function #7	A	0	4320	0	458	90%	SIL 2	SIL 3
Safety Function #8	A	0	4490	0	321	93%	SIL 2	SIL 3
Safety Function #9	A	0	6060	0	4260	59%	SIL 1	SIL 2
Safety Function #10	A	0	2300	0	458	83%	SIL 2	SIL 3
Safety Function #11	A	0	2480	0	321	89%	SIL 2	SIL 3

¹) Values are in FIT, 1 FIT = 1e-9 failures per hour

²) DU does not take into account failures on power supply for ETT SOVs in SF7, SF8 and SF9

