

SIL



Functional Safety Certificate

No. 6C230208.WCV0T93

Test Report / Technical Construction File no. TCF-OY20230201-SIL

Certificate's Holder: Wuxi Coreline Valve Co., Ltd.
No.210 Xinyuan Rd, Ehu Industrial Park, Xishan District, Wuxi, Jiangsu Province

Product: Pneumatic Actuator
Model(s): Fig.540/Fig.541

Standard: Has been assessed per the relevant requirements of:
IEC 61508:2010 Parts 1-7

And meets requirements providing a level of integrity to:
Systematic Capability: SC 3(SIL 3 Capable)
Random Capability: Type A Element
SIL 3@ HFT=1, SIL 3 @ HFT= 0; Route 2_H
PFD_{avg} and Architecture Constraints must be verified each application

*Safety function:
The on-line gas chromatograph will move to the designed safe position when de-energized / energized within the specified safety time.

* Application Restrictions:
The unit must be properly designed into a Safety Instrumented Function per the Safety Manual requirements.

* Is suitable to be safety function according to the description and the configuration defined in Annex I

Verification Mark:



The Verification Mark can be affixed on the product. It is NOT permitted to alter the Verification Mark in any way

Remark: This SIL Verification of Compliance has been issued on a voluntary basis. ECM confirms that a Test Report is existent for the above listed product(s) and found to meet the requirements of above standards for application in safety related system up to Safety Level of **SIL 3**. The unit must be properly designed into a Safety Instrument Function as per the requirements in the Safety Manual. The Verification Mark shown above can be affixed on the product. It is NOT permitted to alter the Verification Mark in any way. In addition the Verification's Holder is NOT allowed to transfer the Verification to third parties. This certificate can be checked for validity at www.entecerma.it

Date of issue 08 February 2023

Expiry date 07 February 2028

For online check:



Approver
Ente Certificazione Macchine
Legal Representative
Luca Bedonni



Ente Certificazione Macchine

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