

# SIL



## Functional Safety Certificate

**No. 3B190621.CETU41**

Test Report no. CEG(19)052101EA-SR

**Certificate's Holder:** Chemsun Europe GmbH  
Schumannstraße 156, 63069 Offenbach am Main.  
Deutschland

**Product:** Electric Actuators  
**Model(s):** CSR/L-G01, CSR/L-G02, CSR/L-G03

**Standard:** IEC 61508:2010 Parts 1-7

**Verification Mark:**



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

**Notes:** Systematic Integrity: SIL 3 Capable;  
Random Integrity: Type A Element;  
Hardware Fault Tolerance: HFT=0;  
PFD<sub>AVG</sub> and Architecture Constraints must be verified for each application;

\* Safety function:

Electric Actuators with configurable safety functions: Stay put or Emergency shut-down (ESD) open or close on demand.

\* Specific requirements: The instructions of the associated Installation and Operating Manual shall be considered.

**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](http://www.entecerma.it)

**Date of issue 21 June 2019**

**Chief Manager**  
**Marco Morina**

**Expiry date 20 June 2024**

**Deputy Manager**  
**Amanda Payne**

**Ente Certificazione Macchine**

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