

FUNCTIONAL SAFETY CERTIFICATE N° 23/007SIL IND

FILE n° 23.23615

This is to certify that the

Control Station model MIKE

manufactured by

T.E.R. Tecno Elettrica Ravasi Srl

Via Privata Garibaldi 29/31 Calco (LC) Italy

Has been assessed by SGS Italia spa and found to meet the requirements of

> IEC 61508-2:2010, IEC 61508-4:2010 IEC 61508-6:2018, IEC 61508-7:2010

As being suitable for use in safety-related applications up to and including the following Safety Integrity Level:

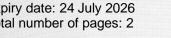
SIL 1 for safety function "operation on demand TYPE A"

SGS Italia S.p.A. On behalf of Business Manager Rosalba Fanale



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Issuance date: 24 July 2023 Expiry date: 24 July 2026 Total number of pages: 2





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SGS Italia S.p.A Via Caldera, 21 20153 Milano 02/73931



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SUMMARY TABLE

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E/E/PE system	Control Station model MIKE
Function definition	operation on demand
Max SIL	G SSCSGSGSSSSSSSSSSSSSSSSSSSSSSSSSSSSSS
SFF SGSGS	>60% to 90%
λ _{DU} 295565	2250 FIT
DC 08050505	90%*
PFH SSSSSSSSS	2.25E-06 h ^{-1**}
HFT SSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSS	G USGSGSGSGSGSGSGSGSGSGSGSGSGSGSGSGSGSGS
MTBF GSGSGSGS	>50 years
MTTR SGSGSGSGS	8 hours
Proof test interval	1 year
Mission Time (intended as life time)	1 year

^{*=}electric

Technical report:

23.500.0743 dtd. 24/07/2023 20.500.0530 dtd. 24/07/2020 17.500.0115 dtd. 23/02/2017 14.500.0045 dtd. 31/01/2014

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^{** =}medium for all type of actuator (spring or cam)