

SGS ITALIA S.p.A.

Industrial
Via Caldera 21
20153 Milano

SGS

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INSPECTION CERTIFICATE

Date: 27/06/2017

FILE NO. 17.13228.07

**COMPLIANCE
With IEC 61508**

**SGS Italia Spa
hereby confirm that**

**T.E.R. Tecno Elettrica Ravasi Srl
Calco (LC)
Via Privata Garibaldi 29/31**

**Control Station model
MIKE**

**MEET THE SIL REQUIREMENTS DETAILED IN THE ANNEXED TABLE
CAN BE USED UP TO SIL1 FOR THE SAFETY FUNCTION:
"operation/control on demand"**

**FOR PRODUCTS TYPE A
LOW DEMAND MODE**

**Technical report: 17.500.0486 dtd. 27/06/2017 and 14.500.0112 dtd. 28/02/2014
Reference standard: IEC 61508:2010, part 2,4,6,7**

Expiry date : 27/06/2020



SUMMARY TABLE

E/E/PE system	Control Station mod. MIKE
Function definition	operation on demand
Max SIL	SIL1
SFF	>60% to 90%
λ_{pu}	2250 FIT **
DC	90% *
PFDavg	2.25 E-6 h-1 **
HFT	0
MTBF	>50 years
MTTR	8 hours
Proof test interval	1 year
Mission Time	1 years

*= electric

**= medium value for all type actuators

Technical and Operation Manger
Renato Donadei



This certificate is composed of 2 pages

