

ISOENCertifications s.r.l.

Legal office : Via Suardi, 24 - 24124 BERGAMO - ITALY
Via Puccini 1 – 24040 MADONE (BG)
Head Office : **Tel. 0039 035 4997726 - Fax 0039 035 4943471**
e-mail : info@isoencertifications.it
P.IVA. & C.F. 03940380169
Web : www.isoencertifications.it



CUSTOMER

EMME TECHNOLOGY s.r.l.

Head Office:	via G. Di Vittorio, 307/27 20099 SESTO SAN GIOVANNI (MI) - Italy
Telephone:	+39 02 26262174
Fax:	+39 02 26220777
E-mail	atartarelli@emmetech.com

SIL CALCULATION Final Results

SOLENOID VALVES
Types
EV – SV



According to the results and the assumptions (Type A, High Demand Mode or Continuous Mode, HTF = 0, Systematic Capability = 3, etc.), as per these values, the product object of this study can be used up to SIL level as a “single device” according to the following table:

	SOLENOID VALVES Types EV – SV
λ_{DD}	1,3126E-08
λ_{DU}	5,3576E-09
λ_S	3,6432E-08
λ_{TOT}	5,4916E-08
<i>MRT</i>	8 h
<i>SFF</i>	90,24%
β	0,10
<i>PFH</i>	5,4916E-08 per hour
<i>SIL</i>	3


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 Cap. Soc. € 12.000 int. vers.
 Sede Leg: Via Suardi, 24 - 24124 BERGAMO
 Uffici: Via Puccini 1 - Madone (BG)
 24040 Madone (BG) - P.IVA. 03940380169
 Teani
 Lead Auditor
 S.I. - MILANO -