RINA

TYPE APPROVAL CERTIFICATE

N. ELE369421CS011

This is to certify that the product below is found to be in compliance with the applicable requirements of the RINA Type Approval system.

Description	**Fire detection and fire alarm system**
Type	**CAL 10252**
Applicant	**SAN GIORGIO S.E.I.N. Srl** Via A. Pedullà 59 16165 Genova Italy
Manufacturer	**SAN GIORGIO S.E.I.N. Srl** Via A. Pedullà 59 16165 Genova Italy
Testing Standards	**Rules for the Classification of Ships – Part C – Machinery Systems and fire protection – Ch. 3, Sect. 6, Tab. 1**

Issued in **Genova** on **September 24, 2021**　　　This certificate is valid until **September 24, 2026**

RINA Services S.p.A.

Luigi Benedetti

Fire detection and fire alarm system type CAL 10252

Main features:

8 LED red color for Zone alarm (max 4 fire detectors for each loop)

1 LED yellow color for Failure alarms:
- power supply failure,
- insulation failure,
- electronic failure,
- loop short circuit and loop disconnection.

Fire alarm output (two minutes delay) according to SOLAS Requirements

Main power supply: 24Vdc
Emergency power supply: 24Vdc

Reference documents:
Technical Manual / User's instruction: M991119 rev.6

Test reports:
Protecno report n. 99 B233 M (11/23/1999)
Teslab report n. 05B169 E (13/12/2005)
RINA report n. 98DGTO1274 (03/05/99)
RINA report n. 99CS303TO Mod. 81 (03/03/2000)
ACS Electronic report n. RPT12110005 (13/09/21)