



EC Type Examination Certificate

Notified Body 2843

This is to certify that ABS ITALY S.R.L. did undertake the relevant type approval procedures for the type of equipment identified below which was found to be in compliance with the requirements of Marine Equipment Directive (MED) 2014/90/EU, subject to any conditions in the schedule attached hereto.

ITEM NUMBER: MED/3.51f

IMPLEMENTING REGULATIONS (EU) 2019/1397

CERTIFICATE NUMBER: 16-1479234-3-EC

MANUFACTURER: Apollo Fire Detectors Ltd

MANUFACTURER'S LOCATION: Hampshire, UK

AUTHORIZED REPRESENTATIVE: Apollo Fire Detectors (Germany Office)

PRODUCT DESIGNATION: Fixed Fire detection and fire alarm systems components for control stations, service spaces, accommodation spaces, cabin balconies, machinery spaces and unattended machinery spaces
Manual call points

STANDARDS AND REGULATIONS: European Union Marine Equipment Directive 2014/90/EU referencing testing requirement of implementing regulation 2019/1397.
SOLAS 74 Reg. II-2/7; SOLAS 74 Reg. X/3; IMO Res. MSC.98(73)-(FSS Code)9;
IMO Res.MSC.36(63)-(1994 use Code) 7; IMO Res.MSC.97(73)-(2000 HSC Code) 7;
IMO Res. MSC.391(95)-(IGF Code) 11, IMO MSC.1/Circ.1242;
EN 54-11 (2001) including A1 (2005);
IEC 60092-504 (2016), IEC 60533 (2015)

THIS CERTIFICATE IS ISSUED IN COMPLIANCE WITH CONFORMITY ASSESSMENT **MODULE B** OF THE REGULATIONS AND DIRECTIVES LISTED ABOVE.

ISSUE DATE: 30-oct-2020

EXPIRATION DATE: 22-oct-2024

ELECTRONICALLY
SIGNED BY: E. Brina

This certificate will not be valid if the manufacturer makes any changes or modifications to the approved type of equipment, which have not been notified to, and agreed with the notified body named on this certificate.

Should the specified regulations or standards be amended during the period of validity of this certificate, the product(s) is/are to be re-approved prior to it/they being placed on the market and on board vessels to which the amended regulations or standards apply.

The "Mark of Conformity" may only be affixed to the above type approved equipment and a Manufacturer's Declaration of Conformity issued when the production-control phase module (D, E, or F) of ANNEX B of the Directive is fully complied with and controlled by a written inspection agreement with a notified body.

The attached document schedule forms part of this Certificate.

This certificate remains valid unless suspended, expired or withdrawn, provided the conditions in the attached schedule are complied with.

Entry Date: 30-oct-2020

Name of Equipment

Manufacturer:

Apollo Fire Detectors Ltd
36 Brookside Road
Havant, Hampshire
PO9 1JR United Kingdom

Tel: +44 (0) 2392442732

Email: francesca.stott@apollo-fire.com

Website: www.apollo-fire.com

Manufacturer site:

N/A

Authorized representative:

Apollo Fire Detectors (Germany Office)
Gesellschaft für Meldetechnologie mbH
Am Anger 31
33332 Gütersloh
Germany
Tel. +49 5241 33060

Equipment/Component:

Fixed Fire detection and fire alarm systems components for control stations, service spaces, accommodation spaces, cabin balconies, machinery spaces and unattended machinery spaces:

- Manual call points

Model:

SA5900-928MAR

Description:

The Intelligent Analogue addressable Marine Manual Call Point with short circuit isolator has been designed to operate on a loop of intelligent fire detection devices and when activated interrupts the polling cycle for a very fast response. It is intended for indoor applications and has a built in short circuit isolator. Isolator operation is indicated by a solid yellow LED.

Intended Service:

Manual call point for fire detection and alarm system for marine & offshore applications.

Ratings:

Supply voltage 17-35V DC
Operating temperature -40 °C to 70 °C
IP Rating IP44

Standards:

European Union Marine Equipment Directive 2014/90/EU referencing testing requirement of implementing regulation 2019/1397

SOLAS 74 Reg. II-2/7; SOLAS 74 Reg. X/3; IMO Res. MSC.98(73)-(FSS Code)9; IMO Res.MSC.36(63)-(1994 use Code) 7; IMO Res.MSC.97(73)-(2000 HSC Code) 7; IMO Res. MSC.391(95)-(IGF Code) 11, IMO MSC.1/Circ.1242; EN 54-11 (2001) including A1 (2005); IEC 60092-504 (2016), IEC 60533 (2015)

Service Restrictions/Limitations:

N/A

Comments:

Tests and approval are for hardware only. Each configuration and external connection is to be specifically approved.

Approved in accordance with the Fire protection equipment requirements for fixed fire detection and fire alarm systems components – Manual Call Points A.1/3.51 of the European Union Marine Equipment Directive 96/98/EC as Amended by Directive 2014/93/EU.

Should the specified regulations or standards be amended during the validity of this certificate, the products are to be re-approved prior to being placed on board vessels to which the amended regulations or standards apply.

This certificate will not be valid if the manufacturer makes any changes or modifications to the approved equipment, which have not been notified to, and agreed with the Notified Body named on this certificate.

A Manufacturer’s Declaration of Conformity shall be compiled and distributed in line with the requirements of Directive 2014/90/EU Article 16.

The Mark of Conformity may only be affixed to the above type approved equipment and a Manufacturer’s Declaration of Conformity issued when the production-control phase module (D, E, or F) of ANNEX II of the Directive is fully complied with and controlled by a written inspection agreement with a notified body.

Revisions:

Certificate N°. 16-1479234-3-EC, replaces Certificate N°. 16-LD1479234-2-EC Dated: 01-sep-2020

Drawing Schedule:

Drawing No	Description
20-2055426-PDA	PRODUCT DESIGN ASSESSMENT