



# 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/3.51d

IMPLEMENTING REGULATIONS (EU) 2019/1397

CERTIFICATE NUMBER: 20-1986297-2-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 - Smoke Detectors  
Model: 58000-500MAR Discovery Marine Ionisation Smoke Detector  
55000-640 XP95 I.S. Optical Smoke Detector

STANDARDS AND REGULATIONS: European Union Marine Equipment Directive 2014/90/EU referencing testing requirement of implementing regulation 2019/1397.  
Regulations II – 2/7 and X/3 of SOLAS 74 as Amended,  
IMO Res.MSC.98(73)-(FSS Code) 9. IMO Res.MSC.97(73)-(2000 HSC Code) 7, IMO Res.MSC.36(63)-(19 HSC Code) 7, IMO Res.MSC.391(95)-(IGF Code) 11,  
MSC.1/Circ.1242,  
EN54-7(2018), IEC 60092-504 (2016) and 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: 16-apr-2025

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This certificate remains valid unless suspended, expired or withdrawn, provided the conditions in the attached schedule are complied with.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

**Model:**

58000-500MAR Discovery Marine Ionisation Smoke Detector,  
55000-640 XP95 I.S. Optical Smoke Detector

**Description:**

Marine Ionisation Smoke Detector and I.S. Optical Smoke  
detector for use on marine vessels and offshore installations

**Intended Service:**

Smoke detectors for monitoring for a fire situation installed  
in marine and offshore structures

**Ratings:**

58000-500MAR Discovery Marine Ionisation Smoke  
Detector  
Operating voltage: 17 to 28V DC  
Operating temperature: -30°C to 70°C  
Quiescent current: 300 µA  
Ingress Protection: IP44

55000-640 XP95 I.S. Optical Smoke Detector  
Supply voltage: 14 to 22V DC  
Operating temperature: -20C to +60°C  
Quiescent current: 340 µA  
Ingress Protection: IP23

**Service Restrictions/Limitations:**

Ex-certification is not covered by this certificate.  
Application or installation in hazardous areas to be  
approved in each case according to the Ex-  
certification/Special condition for safe use listed in  
valid Ex-certificate issued by a notified/recognized  
certification body.

**Standards:**

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

Regulations II – 2/7 and X/3 of SOLAS 74 as Amended, IMO Res.MSC.98(73)-(FSS Code) 9, IMO Res.MSC.97(73)-(2000 HSC Code) 7, IMO Res.MSC.36(63)-(1994 HSC Code) 7, IMO Res.MSC.391(95)-(IGF Code) 11, MSC.1/Circ.1242, EN54-7(2018), IEC 60092-504 (2016) and IEC 60533 (2015)

**Comments:**

**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°. 20-1986297-2-EC, replaces Certificate N°. 20-1986297-1-EC Dated: 01-sep-2020**

**Drawing Schedule:**

Drawing No	Description
20-1981073-PDA	PRODUCT DESIGN ASSESSMENT