

UK-TYPE EXAMINATION (MODULE B) CERTIFICATE

This is to certify that:

DBI Certification-UK Ltd as an Approved Body authorised by the MCA did undertake the relevant type approval procedures for the type of equipment identified below which was found to be in compliance with requirements of The Merchant Shipping (Marine Equipment) Regulations 2016 SI 2016/1025 as amended by the Merchant Shipping (Marine Equipment) (Amendment etc.) (EU Exit) Regulations 2019 SI 2019/470 and Merchant Shipping Notice MSN 1874 Amendment 7 (M+F), subject to any conditions in the schedule attached hereto.

Manufacturer Apollo Fire Detectors Ltd.,
Address 36 Brookside Road, GB-P09 1JR, Havant, Hampshire, United Kingdom

Regulations Reference The Merchant Shipping (Marine Equipment) Regulations 2016 SI 2016/1025 as amended by the Merchant Shipping (Marine Equipment) (Amendment etc.) (EU Exit) Regulations 2019 SI 2019/470 and Merchant Shipping Notice MSN 1874 Amendment 8.

Item number and designation UK/3.51c - Point detectors
Product Type (c) heat detectors - point detectors
Product Name 55000-440 Class A2S Heat Detector
58000-400 Heat Detector
Specified Standards EN 54-5:2017 incl. A1:2018, IEC 60092-504:2016, IEC 60533:2015

The attached (schedule of approval) forms part of this certificate.

This certificate remains valid unless suspended, expired or withdrawn, provided the conditions in the attached schedule are complied with.

Date of issue 2024-07-22
Expiry date 2029-07-22

Issued by DBI Certification-UK Approved Body No. **8504**

*The certificate supersedes the certificate version issued: 2023-03-14
This certificate was first issued 14-03-2023*

Signed

Name


Chris Ellis
Responsible for evaluation



Merete Poulsen
Responsible for certification decision

Notes:

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 approved body named on this certificate.

During the period of validity of this certificate the applicable regulations (international conventions and the relevant resolutions and circulars of the IMO) and testing standards of the Implementing Regulation may change, therefore the product conformity may need to be re-assessed by the Approved Body.

"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 Schedule 2 of the Merchant Shipping (Marine Equipment) Regulations 2016, as amended is fully complied with and controlled by a written inspection agreement with an approved body.

*In case limitations of use apply, these should be indicated of in the Annex.
This certificate is issued under the authority of the Maritime and Coastguard Agency.*

(Annex)

Schedule of Approval

Product Description

55000-440 Class A2S Heat Detector used in conjunction with 45681-215 XP95 IS Mounting base.
58000-400 Heat Detector

Product Classification

EN 54-5:2017 incl. A1:2018, IEC 60092-504:2016, IEC 60533:2015

Ratings:

Apollo Analogue Addressable Range of Heat Detectors

Nominal voltage 17 to 28V DC

Operating temperature -20C to 60C, -30C to 70C or -40C to 70C dependent on model

Quiescent current 100 microA to 400microA dependent on model

Apollo Discovery Marine/XP95 Analogue Addressable

Intrinsically Safe Heat Detectors

Nominal voltage: 14 to 22V DC;

Operating temperature: -20C to 60C;

Quiescent current: 230 to 340 microA;

Alarm current: 10 to 60 mA

Application / Limitation of Product

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

Type Approval Documentation

Test report no.:

BRE, TE-P105641-1001 Issue: 1, dated 2018-10-31

BRE, TE-P105642-1001 Issue 1, dated 2019-03-21

BRE, TE 236307-SW, dated 2007-11-28

BRE, TE 236307 revision 1, dated 2007-11-16

LPC Laboratories TE 90372, dated 1999-04-16,

BRE, TE292207 Issue: 1, dated 2015-08-25

BRE, TE292207 Issue: 2, dated 2015-11-02

BRE, TE 223930, dated 2005-12-09

LPC Laboratories TE 90085, dated 1998-01-06

LPC Laboratories TE 89124, dated 1997-09-06

LPC Laboratories TE 88021, dated 1997-02-25

MS Testing, TL18048B Issue 2, dated 2018-06-13

Hursley EMC Eurofins, 18R110 ER, dated 2018-03-26

BRE, TE-P126792-1000, dated 2024-05-28

Intertek, 105654643LHD-221, dated 2024-06-07

DBI Certification-UK Ltd.

Unit 1 & 2, Northcot Park, Station Road, Blockley, Gloucestershire GL56 9LH

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UK Approved Body Authorised
by the MCA

Technical Documentation

55000-440 Build Standard
58000-400 Build Standard
16-LD1536864-PDA Product Design Assessment

Marking of Product

The product or packing is to be marked with name of manufacturer, type designation, technical rating and the UK Conformity Mark for Marine Equipment.

The UK Conformity Mark for Marine Equipment 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 Schedule 2 of the Merchant Shipping (Marine Equipment) Regulations 2016, as amended is fully complied with and controlled by a written inspection agreement with an Approved Body authorised by the MCA.

End of Certificate

