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## Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

<b>Manufacturer</b>	<b>Apollo Fire Detectors Ltd</b>
<b>Address</b>	36 Brookside Road, Havant, PO9 1JR, United Kingdom
<b>Type</b>	Fire Detection and Alarm System
<b>Description</b>	Analogue addressable multisensory detector (optical smoke and heat)
<b>Trade Name</b>	Discovery range: 58000-700 MAR
<b>Application</b>	Marine and offshore use in environmental categories ENV1, ENV2, ENV3 and ENV5 as defined in LR Type Approval System Test Specification No. 1: 2015.
<b>Specified Standard</b>	EN54-5:2017,EN54-7:2018

This certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid Certificate.

**Previous Version:** 03/00063(E4)

The Design Appraisal Document LR2337190TA and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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## LLOYD'S REGISTER TYPE APPROVAL – DESIGN APPRAISAL DOCUMENT

Issue by: UKITSO SOUTHAMPTON

Issued to: APOLLO FIRE DETECTORS LTD.

For: ANALOGUE ADDRESSABLE MULTISENSORY DETECTOR (OPTICAL SMOKE AND HEAT)

TYPE: 58000-700MAR

The undernoted documents have been reviewed for compliance with the requirements of the Lloyd's Register Type Approval System Procedure TA14 Version 04 (September 2020) and this Design Appraisal Document forms part of the Certificate.

### APPROVAL DOCUMENTATION

Apollo Fire Detectors Ltd ISO 9001:2015 Certificate No.010, Issue 19	6 Jul 2021
BRE Global Schedule of Accreditation Iss No 128	17 Feb 2022
Test schedule for EMC Update of Various Products (Phase One) No P105641/1.2	13 Mar 2018
Discovery, Multisensor detector, Microprocessor programming, No. 34000-063, Issue 4	Undated
Embedded software record No.34000-063SW, Issue 1	Undated
Embedded software record No.34100-002SW, Issue 3	Undated
BRE Document register No.113, Issue 3	10.10.2016
Apollo build standard sheet for 58000-700	-.09.2016
XP95 Keypad, No.35158-800, Issue 1, Issue 30	Undated
Lid insert Multisensor, No.38531-856, Issue 1A	Undated
Discovery multisensory optical housing, No.38531-857, Issue 3	Undated
Multisensor optical chamber, No.38531-858, Issue 2	Undated
RFI shield (carbon loaded), No.38531-875, Issue 2B	Undated
Discovery, Texas chip, Multisensor smoke detector, PCB assembly, No.43781-900, Issue 7	Undated
BRE Global Certificate No.0832-CPR-F1032	14.04.2016
Certificate of Constancy of Performance No. 2531-CPR-CSP10946	7 July 2022
Discovery multisensor, smoke detector, General assembly, No.58000-700, Issue 2	Undated
Discovery multisensor, smoke detector, Schematic diagram (EN54), No.58000-700CD, Issue 7	Undated
Discovery Marine Optical/Heat Multisensor detector technical datasheet No.PP5001/2017/Issue 1	Undated

### TEST REPORTS

BRE Global test report No.TE301792, Issue 1	09.06.2015
BRE Global Test Report No TE-P105641-1001 Iss1	31 Oct 2018
Test schedule for EMC Update of Various Products (Phase One) No P105641/1.2	13 Mar 2018



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**Supplementary Type Approval Terms and Conditions**

*Type Approval certifies that a representative sample of the product(s) referred to herein has/have been found to meet the applicable design criteria for the use specified herein. It does not mean or imply approval for any other use, nor approval of any product(s) designed or manufactured otherwise than in strict conformity with the said representative sample.*

*Type Approval is based on the understanding that the manufacturer's recommendations and instructions and any relevant requirements of the Rules and Regulations are complied with.*

*Type Approval does not eliminate the need for normal inspection and survey procedures required by the Rules and Regulations.*

*Lloyd's Register EMEA reserves the right to cancel or withdraw this Type Approval Certificate in accordance with the Lloyd's Register Type Approval System Procedure.*