



## 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>	XP95 IS Series Detectors
<b>Trade Name</b>	55000-440 Intrinsically Safe Heat Detector
<b>Application</b>	Marine and offshore use in environmental categories ENV1, ENV2, ENV3 and ENV4 as defined in LR Type Approval System Test Specification No.1:2020
<b>Specified Standard</b>	EN54 part 5: 2017 EN50014 (1977) +amendments 1 to 5 EN50020: 2002 EN50284: 1999
<b>Additional Tests</b>	Hazardous areas: EEx ia IIC T5 or EEx ia IIC T4 (- 20° C < Ta < - 60° C)
<b>Other Conditions</b>	<ol style="list-style-type: none"><li>1. An LR Type Approved Safety Barrier must be placed between the unit and the control indicating equipment.</li><li>2. An Apollo single channel protocol translator (55000-855) or dual channel protocol translator (55000-856) must be inserted between the safety barrier</li></ol>

**Matt Higgins**

Electrical & Control - Senior Specialist to  
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A member of the Lloyd's Register group

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and the control and indicating equipment.

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:** 98/00064(E6), LR2337203TA

The Design Appraisal Document LR2337203TA-01 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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

**Issue by: UKITSO SOUTHAMPTON**  
**Issued to: APOLLO FIRE DETECTORS LTD**  
**For: XP95 IS SERIES DETECTORS**  
**Type: 55000-440 INTRINSICALLY SAFE HEAT DETECTOR**

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

Certificate No 010 - ISO 9001 2015 Certificate Issue 19	6 Jul 2021
55000-440 – E0034	17 Jan 2023
Schedule of Accreditation for BRE Global Ltd Iss128	17 Feb 2022

### DRAWINGS

35158-800 Issue 1 MOD C, Key Pad	Aug 2016
43781-245 Issue 8 MOD A, PCB Assembly	Jan 2019

### TEST REPORTS

BRE Global Test Report TE292207_2 55000-440_540	2 Nov 2015
P105641/1.2 Test schedule for EMC Update of Various Products (Phase One)	13 Mar 2018
P105642/1.2 Test schedule for EMC Update of Various Products (Phase Two)	18 Jul 2018
TE-P105641-1001 Iss 1 BRE Global Test Report	31 Oct 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*



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Certificate No: LR2337203TA-01  
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Expiry Date: 21-January-2028  
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*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.*

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