

Type Approval Certificate Extension

This is to certify that Certificate No. 03/00062(E2) for the undernoted products is extended and renumbered as shown.

This certificate is issued to:

PRODUCER	Apollo Fire Detectors Ltd.
PLACE OF PRODUCTION	36 Brookside Road Havant Hampshire, PO9 1JR United Kingdom (UK)
DESCRIPTION	Analogue addressable optical smoke detector
TYPE	Discovery Range: 58000-600 MAR
APPLICATION	Marine, offshore and industrial use in environmental categories ENV1, ENV2, ENV3 and ENV5 as described in LR Test Specification No. 1: 1996.

"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."

The attached Design Appraisal Document No. 03/00062(E3) and its supplementary Type Approval Terms and Conditions form part of this Certificate.

All other details remain as the previous Certificate No. 03/00062(E2) to which this extension should be attached.

Certificate No.	03/00062(E3)
Issue Date	2 November 2012
Expiry Date	1 June 2018
Sheet	1 of 1



A.M. Anderson
London Design Support Office
Lloyd's Register EMEA

Lloyd's Register EMEA
71 Fenchurch Street, London EC3M 4BS

Page 1 of 1
Document number 03/00062(E3)
Issue number 1

DESIGN APPRAISAL DOCUMENT

Date 2 November 2012	Quote this reference on all future communications LDSO/ETS/AMA/RH/WP12319822/WO3116562
-------------------------	---

LLOYD'S REGISTER TYPE APPROVAL SYSTEM, 2002.

Issued to: APOLLO FIRE DETECTORS LTD.

for: ANALOGUE ADDRESSABLE OPTICAL SMOKE DETECTOR

Type: DISCOVERY RANGE: 58000-600 MAR

TYPE APPROVAL CERTIFICATE No. 03/00062(E3)

The undernoted documents have been reviewed for compliance with the requirements of the Lloyd's Register Type Approval System, 2002 and this Design Appraisal Document forms part of the Certificate.

ADDITIONAL APPROVAL DOCUMENTATION

Request form	19 Jun 2012
LR Visit Report SOU1200836	1 Aug 2012
LPCB ISO 9001:2008 Certificate 10, Issue 14	19 Feb 2012

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.



Alasdair Anderson
Electrotechnical Systems
London Design Support Office

**Part 3
Fire and Gas Detection Alarm and Control Systems (Part 3)**

Producer/Licence No.	Item Description	Technical Details	Category/Additional Tests	Remarks	Cert. No.
Apollo Fire Detectors Ltd, 36 Brookside Road, Havant, Hampshire, PO9 1JR, United Kingdom (UK).	Analogue addressable optical smoke detector Type Discovery Range: 58000-600 MAR	Operating Voltage (V d.c.): 17 - 28	ENV1 ENV2 ENV3 ENV5 (1996)	Expires: 1 June 2018 EN 54-7: 2000	03/00062(E3)

*Approved
22 Oct 2012*