



Type Approval Certificate Extension

This is to certify that Certificate No. 03/00063(E1) for the undemoted 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 multisensor detector (optical smoke and heat)
TYPE	Discovery Range: 58000-700 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.03/00063(E2) and its supplementary Type Approval Terms and Conditions form part of this Certificate.

All other details remain as the previous Certificate No. 03/00063(E1) to which this extension should be attached.

Certificate No.	03/00063(E2)
Issue Date	23 August 2008
Expiry Date	1 June 2013
Sheet	1 of 1

M.H.A. Rufaie
London Design Support Services
Lloyd's Register EMEA

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

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DESIGN APPRAISAL DOCUMENT

Date 23 August 2008	Quote this reference on all future communications LDSS/PAS/TAE/W01790023/MHR/O- 93535
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LLOYD'S REGISTER TYPE APPROVAL SYSTEM, 2002.
Issued to: APOLLO FIRE DETECTORS LTD.
for: ANALOGUE ADDRESSABLE OPTICAL SMOKE DETECTOR
Type: DISCOVERY RANGE: 58000-700 MAR
TYPE APPROVAL CERTIFICATE No. 03/00063(E2)

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 11.06.2008
LR Southampton memo 11.06.2008

TEST REPORTS

LPCB Certificate No. 010 (Issue 11) 20.02.2006

Also all the documentation listed on Design Appraisal Documents associated with Type Approval Certificates Nos. 03/00063 and 03/00063(E1)

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.

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**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 multisensor detector (optical smoke and heat) Type Discovery Range: 58000-700 MAR	Operating Voltage (V d.c.): 17 - 28	ENV1 ENV2 ENV3 ENV5 (1996)	Expires: 01 June 2013 EN 54-4: 2000 EN 54-5: 2000 EN 54-7: 2000	03/00063 (E2)

23 AUG 2008
M.H.