



EC Type Examination Certificate

Notified Body 0729

This is to certify that ABS Europe Ltd., as a Notified Body under the authorization of UK MCA by Merchant Shipping Equipment Regulation, SI 1999, Number 1957 and M Notice Number 1734, as amended, did undertake the relevant type examination procedure of the product listed and same was found to be in compliance with the provisions of these Regulations and EU Directive 96/98/EC of 20 December 1996 as amended by EU Directive

2009/26/EC

ANNEX A.1 ITEM NUMBER: A.1/3.51

CERTIFICATE NUMBER: 11-LD792467-EC2

APPLICANT: Apollo Fire Detectors Ltd.

PLANT LOCATION: Hampshire, UK

PORT OFFICE: Southampton, UK

PRODUCT DESIGNATION: Fixed fire detection and fire alarm system components
Model: Apollo Analogue XP 95 Addressable Intrinsically Safe Range of Smoke/Heat Detectors, Manual Call Points and Accessories.

STANDARDS AND REGULATIONS: Regulation II-2/7 of SOLAS 74 as Amended

IMO Resolution MSC98(73)- (FSS Code) Chapter 9

EN 54-5(2000) including A1 (2002), EN 54-7 (2000) including A1 (2002) and including A1(2006) & EN54-11(2001) including A1 (2005),

THIS CERTIFICATE IS ISSUED IN COMPLIANCE WITH CONFORMITY ASSESSMENT MODULE B OF THE REGULATIONS AND DIRECTIVES LISTED ABOVE.

ISSUE DATE: 21 July 2011

EXPIRATION DATE: 06 July 2016

SIGNATURE:  S.C. Sextstone

Should the specified regulations or standards be amended during the validity of this certificate, the products are to be re-approved prior to being placed on board vessels to which the amended regulations or standards apply.

This "Mark of Conformity" may only be affixed to the above equipment and a Manufacturer's Declaration of Conformity issued when the production-control phase Module (D, E or F) of Annex B of the Directive is fully complied with and controlled by a written agreement with a Notified Body.

The attached document list forms part of this Certificate.

This certificate evidences compliance with one or more of the Rules, Guides, standards or other criteria of ABS or a statutory, industrial or manufacturer's standards. ABS Europe Ltd. is a Notified Body under the authorization of UK MCA by Merchant Shipping Equipment Regulation, SI 1999, No. 1957 and M Notice No. 1734, as amended. Compliance with the provisions laid down in EU Directive 96/98/EC of 20 December 1996, as amended, will be determined as governed by the terms and conditions as contained in ABS Rules 1-1-A3/5.9 Terms and Conditions of the Request for Product Type Approval and Agreement (2010).



Certificate No.: 11-LD792467-EC2

Entry Date: 21 July 2011

**Name of Equipment/
Component Manufacturer:** Apollo Fire Detectors Ltd.
36 Brookside Road
Havant
Hampshire
England
PO9 1JR

Tel: +44-2392-492-412
Fax: +44-2392-492-754
Website: www.apollo-fire.co.uk

Equipment/Component: Fire Detection System

Model: Apollo XP95 Analogue Addressable Intrinsically Safe Range of Smoke/Heat Detectors, Manual Call Points and Accessories

Description: XP95 Analogue addressable intrinsically safe detectors, call points and accessories
45681-215 Standard Base
55000-440 Class A2S Heat Detector
55000-540 Ionisation Smoke Detector
55000-640 Optical Smoke Detector
55000-855MAR DIN Rail Single Channel Protocol Translator
55000-856MAR DIN Rail Dual Channel Protocol Translator
55000-940 Red Manual Call Point
55100-940 Red Manual Call Point

Intended Service: Intrinsically safe analogue addressable fire detection systems and manual call point for marine and offshore applications in process, machinery and accommodation spaces.

Ratings: Nominal voltage: 14 to 22V DC; Operating temperature:-20C to 60C;
Quiescent Current: 230microA to 340microA, Alarm Current: 10 to 60 mA;
Ingress protection: IP44 (detectors), IP 65/66 (manual call points);
Classification: EEx ia IIC T5 or T4 (Ta < or = 60C);
Safety certification: BAS02 ATEX 1289 and Supplementary EC (File No. 05/0415).

Comments: Tests and approval are for hardware only. Each configuration and external connection is to be specifically approved.

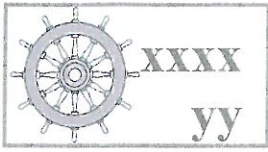
Approved in accordance with the Fire protection equipment requirements for fixed fire detection and fire alarm systems components – Flame detectors item A.1/3.51 of the European Union Marine Equipment Directive 96/98/EC as Amended by Directive 2009/26/EC.

This certificate will not be valid if the manufacturer makes any changes or modifications to the approved equipment, which have not been notified to, and agreed with the Notified Body named on this certificate.

The “Mark of Conformity” may only be affixed to the above equipment and a Manufacturer’s Declaration of Conformity issued when the production-control phase module (D, E or F) of Annex B of the Directive is fully complied with and controlled by a written agreement with a Notified Body.



Example for the application of the "Mark of Conformity":

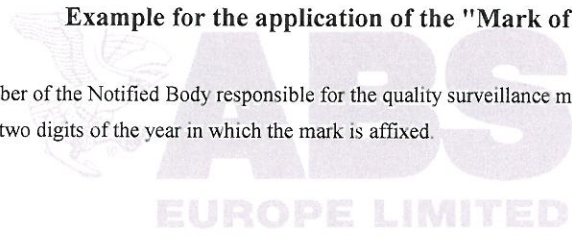


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Number of the Notified Body responsible for the quality surveillance module.

11

Last two digits of the year in which the mark is affixed.



Drawing Schedule:

11-LD766034A-PDA	PRODUCT DESIGN ASSESSMENT
02(C)0238 - XP95	BASEEFA CERTIFICATION REPORT - XP95 RANGE OF IS FIRE DETECTORS & MCP
39214-481 2008 ISSUE 1	XP95/DISCOVERY MOUNTING BASES
94(C)0465_94(T)0465(I) - XP95IS	BASEEFA CERTIFICATION REPORT - XP95 RANGE OF IS FIRE MONITORS
94(C)0818_94(T)0818(I)	BASEEFA CERTIFICATION REPORT - XP95 IS MCP & SYSTEM
98(C)0677_98(T)0677(I) - XP95IS	BASEEFA CERTIFICATION REPORT - XP95 RANGE OF IS FIRE MONITORS
PP1095 2005 ISSUE 4	XP95 INTRINSICALLY SAFE ANALOGUE ADDRESSABLE SMOKE & HEAT DETECTORS - ENGINEERING PRODUCT GUIDE



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