



## TYPE APPROVAL CERTIFICATE

### 형 식 승 인 증 서

**Certificate No.** : LDN23417-FD003      **Date of Approval** : 18th November, 2008.  
**Product** : Fire Detectors  
**Manufacturer** : APOLLO FIRE DETECTORS LTD.  
 36 Brookside Road, Havant, Hampshire, P09 1JR. U.K

**Product Description** : XP95 Intrinsically Safe Fire Detectors

- Type :

- 1) 55000-440 : XP95 I. S. Class A2S Heat Detector
- 2) 55000-540 : XP95 I. S. Ionisation Smoke Detector
- 3) 55000-640 : XP95 I. S. Optical Smoke Detector
- 4) 55000-940 : XP95 I. S. Manual Call Point
- 4) 55000-855 : XP95 I. S. Single Channel Protocol Translator
- 5) 55000-856 : XP95 I. S. Dual Channel Protocol Translator
- 7) 29600-098 : XP95 Galvanically Isolated Barrier
- 8) 45681-215 : XP95 I. S. Mounting Base

" See Appendix 1 "

**Approval Condition** : 1. The product or packing is to be marked with the manufacturer's name and type designation on a suitable position.  
 2. Individual Product Certification is not required.

" See Appendix 1 "

**THIS IS TO CERTIFY** that the above-mentioned product has been approved in accordance with the relevant requirement of this Society's Rules and / or of the recognized standards as follows and entered in the "List of Approved Manufacturers and Type Approved Equipment".

Pt. 6, Ch. 2, Art. 301 of the Rules for Classification, Steel Ships and SOLAS 74/78 as Amended Ch. II-2, Regulation 13.

This Certificate is valid until 17th November, 2013.

Issued at Daejeon, Korea on 18th November, 2008.



국 선 급  
KOREAN REGISTER OF SHIPPING

(  )  
Lee Woon-ho

General Manager of  
Materials and Equipment Team

*Note : 1 : The approval will be automatically suspended and the Certificate become invalid from the expiry date of the Certificate in the event that the extension has not been granted or is not under attendance for completion of the renewal survey.*

*2 : The manufacturer should notify this Society of any modification or changes that may affect the validity of this Certificate.*

## Appendix 1

# Product Description and/or Approval Condition

**Certificate No :** LDN23417-FD003

**Date of Approval :** 18th November, 2008.

### Product Description ;

#### 1. Sensor Type

- 1) 55000-440 : XP95 I. S. Class A2S Heat Detector
- 2) 55000-540 : XP95 I. S. Ionisation Smoke Detector
- 3) 55000-640 : XP95 I. S. Optical Smoke Detector
- 4) 55000-940 : XP95 I. S. Manual Call Point

#### 2. Protocol translator (I. S barrier) ;

- 1) 55000-855 : XP95 I. S. Single Channel Protocol Translator
- 2) 55000-856 : XP95 I. S. Dual Channel Protocol Translator
- 3) 29600-098 : XP95 Galvanically Isolated Barrier

#### 3. Base ;

- 1) 45681-215 : XP95 I. S. Mounting Base

### Approval Condition ;

3. This approval is granted on the basis of test reports & documents
  - Product guide & General assembly drawings
  - TE 88019 ~ 88022, TE 90085 ~ 90090
  - TE 89124 ~ 89129, TE 223930
  - Baseefa : Ex 94C2406, Ex 94C2443, Ex 842192

< End of page >