1 # EC-TYPE EXAMINATION CERTIFICATE

2 **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres Directive 94/9/EC**

3 EC-Type Examination Certificate Number : **BAS02ATEX1290**

4 Equipment or Protective System: **XP95 INTRINSICALLY SAFE MANUAL CALL POINT**

5 Manufacturer: **APOLLO FIRE DETECTORS LIMITED**

6 Address: **36Brookside Road, Havant, Hampshire, PO9 1JH**

7 This equipment or protective system and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

8 The Electrical Equipment Certification Service, notified body number 600 in accordance with Article 9 of the Council Directive 94/9/EC of 23 March 1994, certifies that this equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in confidential Report N°

02(C)0238 dated 25 September 2002

9 Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN 50014: 1997 + Amds 1 & 2 **EN 50020: 2002** **EN 50284: 1999**

except in respect of those requirements listed at item 18 of the Schedule.

10 If the sign "**X**" is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions for safe use specified in the schedule to this certificate.

11 This EC-TYPE EXAMINATION CERTIFICATE relates only to the design and construction of the specified equipment or protective system. If applicable, further requirements of this Directive apply to the manufacture and supply of this equipment or protective system.

12 The marking of the equipment or protective system shall include the following:-

Ⓔx **II 1 G** **EEx ia IIC T5 or EEx ia IIC T4 ($-20°C \leq T_a \leq 60°C$)**

This certificate may only be reproduced in its entirety and without any change, schedule included.

File No: EECS 0073/02/020

This certificate is granted subject to the general conditions of the Electrical Equipment Certification Service. It does not necessarily indicate that the apparatus may be used in particular industries or circumstances.

I M CLEARE
DIRECTOR
25 September 2002

HSE Health & Safety Executive

Electrical Equipment Certification Service
Health and Safety Executive
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13 Schedule

14 EC-TYPE EXAMINATION CERTIFICATE N° BAS02ATEX1290

15 **Description of Equipment or Protective System**

The XP95 Intrinsically safe Manual Call Point is designed to initiate an alarm on a fire detector system.

The Manual Call Point comprises an electronics circuit mounted on a single printed circuit board, an LED and a switch located in a plastic enclosure. Connections to external circuits are made to terminal block TB1 located on the PCB via a cable entry gland.

Input Parameters atTerminal Block TB1

$U_i = 28V$ $C_i = 0$
$I_i = 93.3$ mA $L_i = 0$
$P_i = 0.67W$

16 **Report No.**

02(C)0238

17 **Special Conditions For Safe Use**

None.

18 **Essential Health and Safety Requirements**

None

19 **DRAWINGS**

Number	Sheet	Issue	Date	Description
55000-940CD	1	3	07/99	Circuit Diagram
43781-263	1	4	08/02	PCB Assembly
39855-957	1 & 2	4	01/00	PCB Machining & Artwork
55000-940 to 945	1	4	08/02	General Assembly
55000-960 to 967	1	3	08/02	General Assembly
55000-970 to 973	1	1	01/00	General Assembly
39117-516	1	2	08/02	Certification Label
39117-518	1	2	08/02	Certification Label

BASEEFA List Keywords
2FIREDET

1 # SUPPLEMENTARY EC - TYPE EXAMINATION CERTIFICATE

2 **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres Directive 94/9/EC**

3	Supplementary EC - Type Examination Certificate Number:	**BAS02ATEX1290/1**
4	Equipment or Protective System:	**XP95 INTRINSICALLY SAFE MANUAL CALL POINT**
5	Manufacturer:	**APOLLO FIRE DETECTORS LIMITED**
6	Address:	**36 Brookside Road, Havant, Hampshire, PO9 1JR**

7 This supplementary certificate extends EC – Type Examination Certificate No. BAS02ATEX1290 to apply to equipment or protective systems designed and constructed in accordance with the specification set out in the Schedule of the said certificate but having any variations specified in the Schedule attached to this certificate and the documents therein referred to.

This supplementary certificate shall be held with the original certificate.

The original certificate was issued by The Electrical Equipment Certification Service, Notified Body Number 0600, which retains responsibility for its original documentation. Baseefa (2001) Ltd., Notified Body Number 1180, is responsible only for the additional work relating to this supplementary certificate and any other supplementary certificate it has issued.

Baseefa (2001) Ltd. Customer Reference No. **0073**

Project File No. **03/0693**

This certificate is granted subject to the general terms and conditions of Baseefa (2001) Ltd. It does not necessarily indicate that the equipment may be used in particular industries or circumstances.

R S SINCLAIR
DIRECTOR
On behalf of
Baseefa (2001) Ltd.

Baseefa (2001) Ltd.
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e-mail info@baseefa2001.biz web site www.baseefa2001.biz
Registered in England No. 4305578 at 13 Dovedale Crescent, Buxton, Derbyshire, SK17 9BJ

13 **Schedule**

14 **Certificate Number BAS02ATEX1290/1**

15 **Description of the variation to the Equipment or Protective System**

Variation 1.1

To permit a minor variation to the identification label. Intrinsic Safety is not affected.

16 **Report Number**

None.

17 **Special Conditions for Safe Use**

None

18 **Essential Health and Safety Requirements**

Compliance with the Essential Health and Safety Requirements is not affected by this variation.

19 **Drawings and Documents**

Number	Sheets	Issue	Date	Description
55000-970-973 INCL	1	2	10/02	Push Button Waterproof Manual Call Point G.A

1 # SUPPLEMENTARY EC - TYPE EXAMINATION CERTIFICATE

2 **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres**
Directive 94/9/EC

3	Supplementary EC - Type Examination Certificate Number:	**BAS02ATEX1290/2**
4	Equipment or Protective System:	**XP95 Intrinsically Safe Manual Call Point**
5	Manufacturer:	**Apollo Fire Detectors Limited**
6	Address:	**36 Brookside Road, Havant, Hampshire, PO9 1JR**

7 This supplementary certificate extends EC – Type Examination Certificate No. BAS02ATEX1290 to apply to equipment or protective systems designed and constructed in accordance with the specification set out in the Schedule of the said certificate but having any variations specified in the Schedule attached to this certificate and the documents therein referred to.

This supplementary certificate shall be held with the original certificate.

The original certificate was issued by The Electrical Equipment Certification Service, Notified Body Number 0600, which retains responsibility for its original documentation. Baseefa (2001) Ltd., Notified Body Number 1180, is responsible only for the additional work relating to this supplementary certificate and any other supplementary certificate it has issued.

Baseefa Customer Reference No. 0073

Project File No. 07/0394

This certificate is granted subject to the general terms and conditions of Baseefa (2001) Ltd. It does not necessarily indicate that the equipment may be used in particular industries or circumstances.

R/S SINCLAIR
DIRECTOR
On behalf of
Baseefa (2001) Ltd.

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Baseefa is a trading name of Baseefa (2001) Ltd
Registered in England No. 4305578 at the above address

13 **Schedule**

14 **Certificate Number BAS02ATEX1290X/2**

15 **Description of the variation to the Equipment or Protective System**

Variation 2.1

To permit the use of a new plastic enclosure which does not affect the original assessment.

A new single drawing replaces the older separate drawings.

16 **Report Number**

None.

17 **Special Conditions for Safe Use**

None additional to those listed previously

18 **Essential Health and Safety Requirements**

Compliance with the Essential Health and Safety Requirements is not affected by this variation.

19 **Drawings and Documents**

Number	Sheet	Issue	Date	Description
55100-940CS	1 – 3	1	Jan 08	XP95 Intrinsically Safe Manual Call Point

1 # SUPPLEMENTARY EC - TYPE EXAMINATION CERTIFICATE

2 **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres Directive 94/9/EC**

3	Supplementary EC - Type Examination Certificate Number:	**BAS02ATEX1290/3**
4	Equipment or Protective System:	**XP95 Intrinsically Safe Manual Call Point**
5	Manufacturer:	**Apollo Fire Detectors Limited**
6	Address:	**36 Brookside Road, Havant, Hampshire, PO9 1JR**

7 This supplementary certificate extends EC – Type Examination Certificate No. BAS02ATEX1290 to apply to equipment or protective systems designed and constructed in accordance with the specification set out in the Schedule of the said certificate but having any variations specified in the Schedule attached to this certificate and the documents therein referred to.

This supplementary certificate shall be held with the original certificate.

The original certificate was issued by The Electrical Equipment Certification Service, Notified Body Number 0600, which retains responsibility for its original documentation. Baseefa, Notified Body Number 1180, is responsible only for the additional work relating to this supplementary certificate and any other supplementary certificate it has issued.

Baseefa Customer Reference No. 0073

Project File No. 09/0143

This certificate is granted subject to the general terms and conditions of Baseefa. It does not necessarily indicate that the equipment may be used in particular industries or circumstances.

pp D BRearley

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DIRECTOR
On behalf of
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Baseefa is a trading name of Baseefa Ltd
Registered in England No. 4305578. Registered address as above.

13 **Schedule**

14 **Certificate Number BAS02ATEX1290/3**

15 **Description of the variation to the Equipment or Protective System**

Variation 3.1

To permit minor drawing changes that do not affect the original assessment.

16 **Report Number**

None.

17 **Special Conditions for Safe Use**

None.

18 **Essential Health and Safety Requirements**

Compliance with the Essential Health and Safety Requirements is not affected by this variation.

19 **Drawings and Documents**

Number	Sheet	Issue	Date	Description
55100-940CS	1 – 3	2	Jan 09	XP95 Intrinsically Safe Manual Call Point

1 **SUPPLEMENTARY EC - TYPE EXAMINATION CERTIFICATE**

2 **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres Directive 94/9/EC**

3	Supplementary EC - Type Examination Certificate Number:	**BAS02ATEX1290/4**
4	Equipment or Protective System:	**XP95 Intrinsically Safe Manual Call Point**
5	Manufacturer:	**Apollo Fire Detectors Limited**
6	Address:	**36 Brookside Road, Havant, Hampshire, PO9 1JR**

7 This supplementary certificate extends EC – Type Examination Certificate No. BAS02ATEX1290 to apply to equipment or protective systems designed and constructed in accordance with the specification set out in the Schedule of the said certificate but having any variations specified in the Schedule attached to this certificate and the documents therein referred to.

This supplementary certificate shall be held with the original certificate.

The original certificate was issued by The Electrical Equipment Certification Service, Notified Body Number 0600, which retains responsibility for its original documentation. Baseefa, Notified Body Number 1180, is responsible only for the additional work relating to this supplementary certificate and any other supplementary certificate it has issued.

Baseefa Customer Reference No. **0073**

Project File No. **09/0926**

This certificate is granted subject to the general terms and conditions of Baseefa. It does not necessarily indicate that the equipment may be used in particular industries or circumstances.

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DIRECTOR
On behalf of
Baseefa

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Baseefa is a trading name of Baseefa Ltd
Registered in England No. 4305578. Registered address as above.

13 **Schedule**

14 **Certificate Number BAS02ATEX1290/4**

15 **Description of the variation to the Equipment or Protective System**

Variation 4.1

To permit minor drawing changes which do not affect the original assessment.

16 **Report Number**

None.

17 **Special Conditions for Safe Use**

None.

18 **Essential Health and Safety Requirements**

Compliance with the Essential Health and Safety Requirements is not affected by this variation.

19 **Drawings and Documents**

Number	Sheet	Issue	Date	Description
55000-940CD	1 of 1	3A	Nov 09	XP95 Int. Safe Manual Call Point Schematic Diagram

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1 # EC - TYPE EXAMINATION CERTIFICATE

2 **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres Directive 94/9/EC**

3	EC - Type Examination Certificate Number:	**BAS02ATEX1290 – Issue 5**
4	Equipment or Protective System:	**XP95 Intrinsically Safe Manual Call Point**
5	Manufacturer:	**Apollo Fire Detectors Limited**
6	Address:	**36 Brookside Road, Havant, Hampshire, PO9 1JR**

7 This re-issued certificate extends EC – Type Examination Certificate No. BAS02ATEX1290 to apply to equipment or protective systems designed and constructed in accordance with the specification set out in the Schedule of the said certificate but having any variations specified in the Schedule attached to this certificate and the documents therein referred to

8 The original certificate was issued by The Electrical Equipment Certification Service, Notified Body Number 0600, which retains responsibility for its original documentation. Baseefa, Notified Body Number 1180, is responsible only for the additional work relating to this re-issued certificate and any other supplementary certificate it has issued.

The examination and test results are recorded in confidential Report No. None

9 Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN60079-0:2009 EN60079-11:2007

except in respect of those requirements listed at item 18 of the Schedule.

10 If the sign "X" is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions for safe use specified in the schedule to this certificate.

11 This EC – TYPE EXAMINATION CERTIFICATE relates only to the design and construction of the specified equipment or protective system. Further requirements of the Directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate.

12 The marking of the equipment or protective system shall include the following :

Ⓔx II 1G Ex ia IIC T5 Ga (-20°C ≤ Ta ≤ +45°C) or Ex ia IIC T4 Ga (-20°C< Ta ≤ 60°C)

This certificate may only be reproduced in its entirety, without any change, schedule included.

Baseefa Customer Reference No. **0073**

Project File No. **11/0518**

This certificate is granted subject to the general terms and conditions of Baseefa. It does not necessarily indicate that the equipment may be used in particular industries or circumstances.

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Baseefa is a trading name of Baseefa Ltd
Registered in England No. 4305578. Registered address as above.

13 **Schedule**

14 **Certificate Number BAS02ATEX1290 – Issue 5**

15 **Description of Equipment or Protective System**

The XP95 Intrinsically Safe Manual Call Point is designed to initiate an alarm on a fire detector system.

The Manual Call Point comprises an electronics circuit mounted on a single printed circuit board, an LED and a switch located in a plastic enclosure. Connections to external circuits are made to terminal block TB1 located on the PCB via a cable entry gland.

Input Parameters at Terminal Block TB1:

$U_o = 28V$ $C_i = 0$

$I_o = 93.3mA$ $L_i = 0$

$P_o = 0.67W$

16 **Report Number**

None

17 **Special Conditions for Safe Use**

The enclosure and junction box or connector body may be plastic, do not clean with solvents or charge by rubbing.

18 **Essential Health and Safety Requirements**

All relevant Essential Health and Safety Requirements are covered by the standards listed at item 9.

19 **Drawings and Documents**

Number	Sheet	Issue	Date	Description
39117-518	1 of 1	4	Jul 11	XP95 I.S. Manual Call Point Certification Plate Label
39117-713	1 of 1	2	Jul 11	XP95 I.S. Manual Call Point Certification Label
43781-263	1 of 1	5	Jul 11	XP95 Intrinsically Safe Manual Call Point PCB Assembly
55100-940CS	1 – 3	3	Jul 11	XP95 Intrinsically Safe Manual Call Point
55000-960-967INCL	1 of 1	4	Jul 11	XP95 Intrinsically Safe Waterproof Manual Call Point General Assembly
55000-970-973INCL	1 of 1	3	Jul 11	Push Button Waterproof Manual Call Point General Assembly

20 Certificate History

Certificate No.	Date	Comments
BAS02ATEX1290	25 September 2002	The release of the prime certificate. The associated test and assessment against the requirements of EN50014:1997 + Amds 1 & 2, EN50020:2002 and EN50284:1999 is documented in Test Report No. 02(C)0238.
BAS02ATEX1290/1	6 August 2003	To permit a minor variation to the identification label. Intrinsic Safety is not affected.
BAS02ATEX1290/2	18 January 2008	To permit the use of a new plastic enclosure which does not affect the original assessment. A new single drawing replaces the older separate drawings.
BAS02ATEX1290/3	11 February 2009	To permit minor drawing changes that do not affect the original assessment
BAS02ATEX1290/4	12 January 2010	To permit minor drawing changes that do not affect the original assessment.
BAS02ATEX1290 Issue 5	11 July 2011	To permit minor drawing changes that do not affect the original assessment and a change to the T5 ambient temperature range. The range is now $-20°C < Ta \leq +45°C$. This issue of the certificate also incorporates previously issued primary & supplementary certificates into one certificate and, following minor changes to the PCBs, confirms the current design meets the requirements of EN60079-0:2009 and EN60079-11:2007.
For drawings applicable to each issue, see original of that issue.		

3089.02

Certificate Number
BAS02ATEX1290
Issue 6

Issued 30 August 2012

1 # EC - TYPE EXAMINATION CERTIFICATE

2 **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres Directive 94/9/EC**

3	EC - Type Examination Certificate Number:	**BAS02ATEX1290 – Issue 6**
4	Equipment or Protective System:	**XP95 Intrinsically Safe Manual Call Point**
5	Manufacturer:	**Apollo Fire Detectors Limited**
6	Address:	**36 Brookside Road, Havant, Hampshire, PO9 1JR**

7 This re-issued certificate extends EC – Type Examination Certificate No. BAS02ATEX1290 to apply to equipment or protective systems designed and constructed in accordance with the specification set out in the Schedule of the said certificate but having any variations specified in the Schedule attached to this certificate and the documents therein referred to

8 The original certificate was issued by The Electrical Equipment Certification Service, Notified Body Number 0600, which retains responsibility for its original documentation. Baseefa, Notified Body Number 1180, is responsible only for the additional work relating to this re-issued certificate and any other supplementary certificate it has issued.

The examination and test results are recorded in confidential Report No's. None

9 Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN60079-0:2009 EN60079-11:2007

except in respect of those requirements listed at item 18 of the Schedule.

10 If the sign "X" is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions for safe use specified in the schedule to this certificate.

11 This EC - TYPE EXAMINATION CERTIFICATE relates only to the design and construction of the specified equipment or protective system. Further requirements of the Directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate.

12 The marking of the equipment or protective system shall include the following :

⟨Ex⟩ II 1G Ex ia IIC T5 Ga (-20°C ≤ Ta ≤ +45°C) or Ex ia IIC T4 Ga (-20°C≤ Ta ≤ 60°C)

Baseefa Customer Reference No. **0073**

Project File No. **12/0446**

R S SINCLAIR
DIRECTOR
On behalf of
Baseefa

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Baseefa is a trading name of Baseefa Ltd
Registered in England No. 4305578. Registered address as above.

13 **Schedule**

14 **Certificate Number BAS02ATEX1290 – Issue 6**

15 Description of Equipment or Protective System

The XP95 Intrinsically Safe Manual Call Point is designed to initiate an alarm on a fire detector system.

The Manual Call Point comprises an electronics circuit mounted on a single printed circuit board, an LED and a switch located in a plastic enclosure. Connections to external circuits are made to terminal block TB1 located on the PCB via a cable entry gland.

Input Parameters at Terminal Block TB1:

$U_i = 28V$ $C_i = 0$

$I_i = 93.3mA$ $L_i = 0$

$P_i = 0.67W$

16 Report Number

None

17 Specific Conditions of Use

None

18 Essential Health and Safety Requirements

All relevant Essential Health and Safety Requirements are covered by the standards listed at item 9.

19 Drawings and Documents

New drawings submitted for this issue of certificate.

Number	Sheet	Issue	Date	Description
55100-940CS	1 – 3	4	Mar 12	XP95 Intrinsically Safe Manual Call Point

Current drawings also associated with this certificate.

Number	Sheet	Issue	Date	Description
39117-518	1 of 1	4	Jul 11	XP95 I.S. Manual Call Point Certification Plate Label
39117-713	1 of 1	2	Jul 11	XP95 I.S. Manual Call Point Certification Label
43781-263	1 of 1	5	Jul 11	XP95 Intrinsically Safe Manual Call Point PCB Assembly
55000-960-967INCL	1 of 1	4	Jul 11	XP95 Intrinsically Safe Waterproof Manual Call Point General Assembly
55000-970-973INCL	1 of 1	3	Jul 11	Push Button Waterproof Manual Call Point General Assembly

20 Certificate History

Certificate No.	Date	Comments
BAS02ATEX1290	25 September 2002	The release of the prime certificate. The associated test and assessment against the requirements of EN50014:1997 + Amds 1 & 2, EN50020:2002 and EN50284:1999 is documented in Test Report No. 02(C)0238.
BAS02ATEX1290/1	6 August 2003	To permit a minor variation to the identification label. Intrinsic Safety is not affected.
BAS02ATEX1290/2	18 January 2008	To permit the use of a new plastic enclosure which does not affect the original assessment. A new single drawing replaces the older separate drawings.
BAS02ATEX1290/3	11 February 2009	To permit minor drawing changes that do not affect the original assessment.
BAS02ATEX1290/4	12 January 2010	To permit minor drawing changes that do not affect the original assessment.
BAS02ATEX1290 Issue 5	11 July 2011	To permit minor drawing changes that do not affect the original assessment and a change to the T5 ambient temperature range. The range is now -20°C ≤ Ta ≤ +45°C. This issue of the certificate also incorporates previously issued primary & supplementary certificates into one certificate and, following minor changes to the PCBs, confirms the current design meets the requirements of EN60079-0:2009 and EN60079-11:2007.
BAS02ATEX1290 Issue 6	30 August 2012	To permit minor drawing changes that do not affect the original assessment and to correct the input parameters.
For drawings applicable to each issue, see original of that issue.		

3090·02

1 # EC - TYPE EXAMINATION CERTIFICATE

2 **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres Directive 94/9/EC**

3	EC - Type Examination Certificate Number:	**BAS02ATEX1290 – Issue 7**
4	Equipment or Protective System:	**XP95 Intrinsically Safe Manual Call Point**
5	Manufacturer:	**Apollo Fire Detectors Limited**
6	Address:	**36 Brookside Road, Havant, Hampshire, PO9 1JR**

7 This re-issued certificate extends EC Type Examination Certificate No. BAS02ATEX1290 to apply to equipment or protective systems designed and constructed in accordance with the specification set out in the Schedule of the said certificate but having any variations specified in the Schedule attached to this certificate and the documents therein referred to

8 The original certificate was issued by The Electrical Equipment Certification Service, Notified Body Number 0600, which retains responsibility for its original documentation. Baseefa, Notified Body Number 1180, is responsible only for the additional work relating to this re-issued certificate and any other supplementary certificate it has issued.

The examination and test results are recorded in confidential Report No's. GB/BAS/ExTR12.0292/00

9 Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN60079-0:2012 EN60079-11:2012

except in respect of those requirements listed at item 18 of the Schedule.

10 If the sign "X" is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions for safe use specified in the schedule to this certificate.

11 This EC - TYPE EXAMINATION CERTIFICATE relates only to the design and construction of the specified equipment or protective system. Further requirements of the Directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate.

12 The marking of the equipment or protective system shall include the following :

⟨Ex⟩ II 1G Ex ia IIC T5 Ga (-20°C ≤Ta ≤+45°C) or Ex ia IIC T4 Ga (-20°C≤Ta ≤60°C)

Baseefa Customer Reference No. **0073**

Project File No. **12/0554**

This certificate is granted subject to the general terms and conditions of Baseefa. It does not necessarily indicate that the equipment may be used in particular industries or circumstances.

R S SINCLAIR
DIRECTOR
On behalf of
Baseefa

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Baseefa is a trading name of Baseefa Ltd
Registered in England No. 4305578. Registered address as above.

13 **Schedule**

14 **Certificate Number BAS02ATEX1290 – Issue 7**

15 Description of Equipment or Protective System

The XP95 Intrinsically Safe Manual Call Point is designed to initiate an alarm on a fire detector system.

The Manual Call Point comprises an electronics circuit mounted on a single printed circuit board, an LED and a switch located in a plastic enclosure. Connections to external circuits are made to terminal block TB1 located on the PCB via a cable entry gland.

Input Parameters at Terminal Block TB1:

$U_i = 28V$ $C_i = 0$

$I_i = 93.3mA$ $L_i = 0$

$P_i = 0.67W$

16 Report Number

None

17 Specific Conditions of Use

None

18 Essential Health and Safety Requirements

All relevant Essential Health and Safety Requirements are covered by the standards listed at item 9.

19 Drawings and Documents

New drawings submitted for this issue of certificate.

Number	Sheet	Issue	Date	Description
55100-940CS	1 – 3	5	Sep 12	XP95 Intrinsically Safe Manual Call Point

Current drawings also associated with this certificate.

Number	Sheet	Issue	Date	Description
39117-518	1 of 1	4	Jul 11	XP95 I.S. Manual Call Point Certification Plate Label
39117-713	1 of 1	2	Jul 11	XP95 I.S. Manual Call Point Certification Label
43781-263	1 of 1	5	Jul 11	XP95 Intrinsically Safe Manual Call Point PCB Assembly
55000-960-967INCL	1 of 1	4	Jul 11	XP95 Intrinsically Safe Waterproof Manual Call Point General Assembly
55000-970-973INCL	1 of 1	3	Jul 11	Push Button Waterproof Manual Call Point General Assembly

20 **Certificate History**

Certificate No.	Date	Comments
BAS02ATEX1290	25 September 2002	The release of the prime certificate. The associated test and assessment against the requirements of EN50014:1997 + Amds 1 & 2, EN50020:2002 and EN50284:1999 is documented in Test Report No. 02(C)0238.
BAS02ATEX1290/1	6 August 2003	To permit a minor variation to the identification label. Intrinsic Safety is not affected.
BAS02ATEX1290/2	18 January 2008	To permit the use of a new plastic enclosure which does not affect the original assessment. A new single drawing replaces the older separate drawings.
BAS02ATEX1290/3	11 February 2009	To permit minor drawing changes that do not affect the original assessment.
BAS02ATEX1290/4	12 January 2010	To permit minor drawing changes that do not affect the original assessment.
BAS02ATEX1290 Issue 5	11 July 2011	To permit minor drawing changes that do not affect the original assessment and a change to the T5 ambient temperature range. The range is now -20°C $\leq$Ta $\leq$+45°C. This issue of the certificate also incorporates previously issued primary & supplementary certificates into one certificate and, following minor changes to the PCBs, confirms the current design meets the requirements of EN60079-0:2009 and EN60079-11:2007.
BAS02ATEX1290 Issue 6	30 August 2012	To permit minor drawing changes that do not affect the original assessment and to correct the input parameters.
BAS02ATEX1290 Issue 7	16 November 2012	To permit minor drawing changes that do not affect the original assessment and to confirm that the current design meets the requirements of EN600/9-0:2012 and EN60079-11:2012.
For drawings applicable to each issue, see original of that issue.		

3090·03

1 # EC - TYPE EXAMINATION CERTIFICATE

2 **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres Directive 94/9/EC**

3	EC - Type Examination Certificate Number:	**BAS02ATEX1290X – Issue 8**
4	Equipment or Protective System:	**XP95 Intrinsically Safe Manual Call Point**
5	Manufacturer:	**Apollo Fire Detectors Limited**
6	Address:	**36 Brookside Road, Havant, Hampshire, PO9 1JR**

7 This re-issued certificate extends EC – Type Examination Certificate No. BAS02ATEX1290X to apply to equipment or protective systems designed and constructed in accordance with the specification set out in the Schedule of the said certificate but having any variations specified in the Schedule attached to this certificate and the documents therein referred to

8 The original certificate was issued by The Electrical Equipment Certification Service, Notified Body Number 0600, which retains responsibility for its original documentation. Baseefa, Notified Body Number 1180, is responsible only for the additional work relating to this re-issued certificate and any other supplementary certificate it has issued.

The examination and test results are recorded in confidential Report No's. Certificate History

9 Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN 60079-0:2012 **EN 60079-11:2012**

except in respect of those requirements listed at item 18 of the Schedule.

10 If the sign "X" is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions for safe use specified in the schedule to this certificate.

11 This EC - TYPE EXAMINATION CERTIFICATE relates only to the design and construction of the specified equipment or protective system. Further requirements of the Directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate.

12 The marking of the equipment or protective system shall include the following :

⟨Ex⟩ II 1G Ex ia IIC T5 Ga (-20°C ≤Ta ≤+45°C) or Ex ia IIC T4 Ga (-20°C≤Ta ≤60°C) or
⟨Ex⟩ II 1D Ex ia IIIC T135°C Da (-20°C ≤Ta ≤+60°C)

Baseefa Customer Reference No. **0073** Project File No. **12/1015**

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pp Allan Cooen
R S SINCLAIR
GENERAL MANAGER
On behalf of SGS Baseefa Limited

13 **Schedule**

14 **Certificate Number BAS02ATEX1290X – Issue 8**

15 Description of Equipment or Protective System

The XP95 Intrinsically Safe Manual Call Point is designed to initiate an alarm on a fire detector system.

The Manual Call Point comprises an electronics circuit mounted on a single printed circuit board, an LED and a switch located in a plastic enclosure. Connections to external circuits are made to terminal block TB1 located on the PCB via a cable entry gland.

Input Parameters (all versions)
Terminal Block TB1:

$U_i = 28V$ $C_i = 0$

$I_i = 93.3mA$ $L_i = 0$

$P_i = 0.67W$

16 Report Number

GB/BAS/ExTR13.0090/00

17 Specific Conditions of Use

1. The enclosure may constitute a potential electrostatic ignition hazard and must not be rubbed or cleaned with a dry cloth or mounted in dust laden airflow.

18 Essential Health and Safety Requirements

All relevant Essential Health and Safety Requirements are covered by the standards listed at item 9.

19 Drawings and Documents

New drawings submitted for this issue of certificate.

Number	Sheet	Issue	Date	Description
55100-940CS	1 – 3	6	Apr 13	XP95 Intrinsically Safe Manual Call Point
55200-940CS	1 – 3	B	Apr 13	XP95 Intrinsically Safe Manual Call Point

Current drawings also associated with this certificate.

Number	Sheet	Issue	Date	Description
39117-518	1 of 1	4	Jul 11	XP95 I.S. Manual Call Point Certification Plate Label
39117-713	1 of 1	2	Jul 11	XP95 I.S. Manual Call Point Certification Label
43781-263	1 of 1	5	Jul 11	XP95 Intrinsically Safe Manual Call Point PCB Assembly
55000-960-967INCL	1 of 1	4	Jul 11	XP95 Intrinsically Safe Waterproof Manual Call Point General Assembly
55000-970-973INCL	1 of 1	3	Jul 11	Push Button Waterproof Manual Call Point General Assembly

20 **Certificate History**

Certificate No.	Date	Comments
BAS02ATEX1290	25 September 2002	The release of the prime certificate. The associated test and assessment against the requirements of EN50014:1997 + Amds 1 & 2, EN50020:2002 and EN50284:1999 is documented in Test Report No. 02(C)0238.
BAS02ATEX1290/1	6 August 2003	To permit a minor variation to the identification label. Intrinsic Safety is not affected.
BAS02ATEX1290/2	18 January 2008	To permit the use of a new plastic enclosure which does not affect the original assessment. A new single drawing replaces the older separate drawings.
BAS02ATEX1290/3	11 February 2009	To permit minor drawing changes that do not affect the original assessment.
BAS02ATEX1290/4	12 January 2010	To permit minor drawing changes that do not affect the original assessment.
BAS02ATEX1290 Issue 5	11 July 2011	To permit minor drawing changes that do not affect the original assessment and a change to the T5 ambient temperature range. The range is now -20°C ≤Ta ≤+45°C. This issue of the certificate also incorporates previously issued primary & supplementary certificates into one certificate and, following minor changes to the PCBs, confirms the current design meets the requirements of EN60079-0:2009 and EN60079-11:2007.
BAS02ATEX1290 Issue 6	30 August 2012	To permit minor drawing changes that do not affect the original assessment and to correct the input parameters.
BAS02ATEX1290 Issue 7	16 November 2012	To permit minor drawing changes that do not affect the original assessment and to confirm that the current design meets the requirements of EN60079-0:2012 and EN60079-11:2012.
BAS02ATEX1290X Issue 8	17 April 2013	To permit the introduction of an alternative XP95 Manual Call Point, defined by drawing 55200-940CS, which additionally carries the following marking: **⟨Ex⟩ II 1D Ex ia IIIC T135°C Da (-20°C ≤Ta ≤+60°C)** The input parameters for all variants are identical to the original parameters and are as stated above. To confirm that a special condition of safe use applies to both designs of Manual Call Points; this states that the enclosure may constitute a potential electrostatic ignition hazard and must not be rubbed or cleaned with a dry cloth or mounted in dust laden airflow. This issue is supported by test report GB/BAS/ExTR13.0090/00.
For drawings applicable to each issue, see original of that issue.		

3090·04

1 # EC - TYPE EXAMINATION CERTIFICATE

2 **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres Directive 94/9/EC**

3	EC - Type Examination Certificate Number:	**BAS02ATEX1290X – Issue 9**
4	Equipment or Protective System:	**XP95 Intrinsically Safe Manual Call Point**
5	Manufacturer:	**Apollo Fire Detectors Limited**
6	Address:	**36 Brookside Road, Havant, Hampshire, PO9 1JR**

7 This re-issued certificate extends EC – Type Examination Certificate No. BAS02ATEX1290X to apply to equipment or protective systems designed and constructed in accordance with the specification set out in the Schedule of the said certificate but having any variations specified in the Schedule attached to this certificate and the documents therein referred to

8 The original certificate was issued by The Electrical Equipment Certification Service, Notified Body Number 0600, which retains responsibility for its original documentation. Baseefa, Notified Body Number 1180, is responsible only for the additional work relating to this re-issued certificate and any other supplementary certificate it has issued.

The examination and test results are recorded in confidential Report No's. See Certificate History

9 Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN 60079-0:2012 **EN 60079-11:2012**

except in respect of those requirements listed at item 18 of the Schedule.

10 If the sign "X" is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions for safe use specified in the schedule to this certificate.

11 This EC - TYPE EXAMINATION CERTIFICATE relates only to the design and construction of the specified equipment or protective system. Further requirements of the Directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate.

12 The marking of the equipment or protective system shall include the following :

Ⓔx II 1G Ex ia IIC T5 Ga (-20°C ≤Ta ≤+45°C) or Ex ia IIC T4 Ga (-20°C ≤Ta ≤60°C) or
Ⓔx II 1D Ex ia IIIC T135°C Da (-20°C ≤Ta ≤+60°C)

Baseefa Customer Reference No. **0073** Project File No. **13/0986**

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pp Allan Cooke
R S SINCLAIR
GENERAL MANAGER
On behalf of SGS Baseefa Limited

13 **Schedule**

14 **Certificate Number BAS02ATEX1290X – Issue 9**

15 **Description of Equipment or Protective System**

The XP95 Intrinsically Safe Manual Call Point is designed to initiate an alarm on a fire detector system.

The Manual Call Point comprises an electronics circuit mounted on a single printed circuit board, an LED and a switch located in a plastic enclosure. Connections to external circuits are made to terminal block TB1 located on the PCB via a cable entry gland.

Input Parameters (all versions)
Terminal Block TB1:

$U_i = 28V$ $C_i = 0$

$I_i = 93.3mA$ $L_i = 0$

$P_i = 0.67W$

16 **Report Number**

GB/BAS/ExTR13.0293/00

17 **Specific Conditions of Use**

1. The enclosure may constitute a potential electrostatic ignition hazard and must not be rubbed or cleaned with a dry cloth or mounted in dust laden airflow.

18 **Essential Health and Safety Requirements**

All relevant Essential Health and Safety Requirements are covered by the standards listed at item 9.

19 **Drawings and Documents**

New drawings submitted for this issue of certificate.

Number	Sheet	Issue	Date	Description
55200-940CS	1 – 3	1	Nov 13	XP95 Intrinsically Safe Manual Call Point

Current drawings also associated with this certificate.

Number	Sheet	Issue	Date	Description
39117-518	1 of 1	4	Jul 11	XP95 I.S. Manual Call Point Certification Plate Label
39117-713	1 of 1	2	Jul 11	XP95 I.S. Manual Call Point Certification Label
43781-263	1 of 1	5	Jul 11	XP95 Intrinsically Safe Manual Call Point PCB Assembly
55000-960-967INCL	1 of 1	4	Jul 11	XP95 Intrinsically Safe Waterproof Manual Call Point General Assembly
55000-970-973INCL	1 of 1	3	Jul 11	Push Button Waterproof Manual Call Point General Assembly
55100-940CS	1 – 3	6	Apr 13	XP95 Intrinsically Safe Manual Call Point

20 Certificate History

Certificate No.	Date	Comments
BAS02ATEX1290	25 September 2002	The release of the prime certificate. The associated test and assessment against the requirements of EN50014:1997 – Amds 1 & 2, EN50020:2002 and EN50284:1999 is documented in Test Report No. 02(C)0238.
BAS02ATEX1290/1	6 August 2003	To permit a minor variation to the identification label. Intrinsic Safety is not affected.
BAS02ATEX1290/2	18 January 2008	To permit the use of a new plastic enclosure which does not affect the original assessment. A new single drawing replaces the older separate drawings.
BAS02ATEX1290/3	11 February 2009	To permit minor drawing changes that do not affect the original assessment.
BAS02ATEX1290/4	12 January 2010	To permit minor drawing changes that do not affect the original assessment.
BAS02ATEX1290 Issue 5	11 July 2011	To permit minor drawing changes that do not affect the original assessment and a change to the T5 ambient temperature range. The range is now -20°C ≤Ta ≤+45°C. This issue of the certificate also incorporates previously issued primary & supplementary certificates into one certificate and, following minor changes to the PCBs, confirms the current design meets the requirements of EN60079-0:2009 and EN60079-11:2007.
BAS02ATEX1290 Issue 6	30 August 2012	To permit minor drawing changes that do not affect the original assessment and to correct the input parameters.
BAS02ATEX1290 Issue 7	16 November 2012	To permit minor drawing changes that do not affect the original assessment and to confirm that the current design meets the requirements of EN60079-0:2012 and EN60079-11:2012.
BAS02ATEX1290X Issue 8	17 April 2013	To permit the introduction of an alternative XP95 Manual Call Point, defined by drawing 55200-940CS, which additionally carries the following marking: **⟨Ex⟩ II 1D Ex ia IIIC T135°C Da (-20°C ≤Ta ≤+60°C)** The input parameters for all variants are identical to the original parameters and are as stated above. To confirm that a special condition of safe use applies to both designs of Manual Call Points; this states that the enclosure may constitute a potential electrostatic ignition hazard and must not be rubbed or cleaned with a dry cloth or mounted in dust laden airflow. This issue is supported by test report GB/BAS/ExTR13.0090/00. Project File No. 12/1015.
BAS02ATEX1290X Issue 9	3 December 2013	To permit minor drawing changes that do not affect the original assessment. This issue is supported by test report GB/BAS/ExTR13.0293/00. Project File No. 13/0986.
For drawings applicable to each issue, see original of that issue.		

1 # EC - TYPE EXAMINATION CERTIFICATE

2 **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres**
Directive 94/9/EC

3 EC - Type Examination Certificate Number: **BAS02ATEX1290X – Issue 10**

4 Equipment or Protective System: **XP95 Intrinsically Safe Manual Call Point**

5 Manufacturer: **Apollo Fire Detectors Limited**

6 Address: **36 Brookside Road, Havant, Hampshire, PO9 1JR**

7 This re-issued certificate extends EC – Type Examination Certificate No. BAS02ATEX1290X to apply to equipment or protective systems designed and constructed in accordance with the specification set out in the Schedule of the said certificate but having any variations specified in the Schedule attached to this certificate and the documents therein referred to

8 The original certificate was issued by The Electrical Equipment Certification Service, Notified Body Number 0600, which retains responsibility for its original documentation. Baseefa, Notified Body Number 1180, is responsible only for the additional work relating to this re-issued certificate and any other supplementary certificate it has issued.

The examination and test results are recorded in confidential Report No's. See Certificate History

9 Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN 60079-0:2012 **EN 60079-11:2012**

except in respect of those requirements listed at item 18 of the Schedule.

10 If the sign "X" is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions for safe use specified in the schedule to this certificate.

11 This EC - TYPE EXAMINATION CERTIFICATE relates only to the design and construction of the specified equipment or protective system. Further requirements of the Directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate.

12 The marking of the equipment or protective system shall include the following :

⟨Ex⟩ II 1G Ex ia IIC T5 Ga (-20°C ≤Ta ≤+45°C) or Ex ia IIC T4 Ga (-20°C ≤Ta ≤60°C) or
⟨Ex⟩ II 1D Ex ia IIIC T135°C Da (-20°C ≤Ta ≤+60°C)

Baseefa Customer Reference No. **0073** Project File No. **14/0988**

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R S SINCLAIR
GENERAL MANAGER
On behalf of SGS Baseefa Limited

13 **Schedule**

14 **Certificate Number BAS02ATEX1290X – Issue 10**

15 Description of Equipment or Protective System

The XP95 Intrinsically Safe Manual Call Point is designed to initiate an alarm on a fire detector system.

The Manual Call Point comprises an electronics circuit mounted on a single printed circuit board, an LED and a switch located in a plastic enclosure. Connections to external circuits are made to terminal block TB1 located on the PCB via a cable entry gland.

Input Parameters (all versions)
Terminal Block TB1:

$U_i = 28V$ $C_i = 0$

$I_i = 93.3mA$ $L_i = 0$

$P_i = 0.67W$

16 Report Number

GB/BAS/ExTR15.0059/00

17 Specific Conditions of Use

1. The enclosure may constitute a potential electrostatic ignition hazard and must not be rubbed or cleaned with a dry cloth or mounted in dust laden airflow.

18 Essential Health and Safety Requirements

All relevant Essential Health and Safety Requirements are covered by the standards listed at item 9.

19 Drawings and Documents

New drawings submitted for this issue of certificate.

Number	Sheet	Issue	Date	Description
55100-940CS	1 – 3	7	Nov 14	XP95 Intrinsically Safe Manual Call Point
55200-940CS	1 – 3	2	Nov 14	XP95 Intrinsically Safe Manual Call Point
39117-518	1 of 1	5	Nov 14	XP95 I.S. Manual Call Point Certification Plate Label

Current drawings also associated with this certificate.

Number	Sheet	Issue	Date	Description
39117-713	1 of 1	2	Jul 11	XP95 I.S. Manual Call Point Certification Label
43781-263	1 of 1	5	Jul 11	XP95 Intrinsically Safe Manual Call Point PCB Assembly
55000-960-967INCL	1 of 1	4	Jul 11	XP95 Intrinsically Safe Waterproof Manual Call Point General Assembly
55000-970-973INCL	1 of 1	3	Jul 11	Push Button Waterproof Manual Call Point General Assembly

All drawings are common to, and held with, IECEx BAS 12.0091X Issue 3.

20 **Certificate History**

Certificate No.	Date	Comments
BAS02ATEX1290	25 September 2002	The release of the prime certificate. The associated test and assessment against the requirements of EN50014:1997 + Amds 1 & 2, EN50020:2002 and EN50284:1999 is documented in Test Report No. 02(C)0238.
BAS02ATEX1290/1	6 August 2003	To permit a minor variation to the identification label. Intrinsic Safety is not affected.
BAS02ATEX1290/2	18 January 2008	To permit the use of a new plastic enclosure which does not affect the original assessment. A new single drawing replaces the older separate drawings.
BAS02ATEX1290/3	11 February 2009	To permit minor drawing changes that do not affect the original assessment.
BAS02ATEX1290/4	12 January 2010	To permit minor drawing changes that do not affect the original assessment.
BAS02ATEX1290 Issue 5	11 July 2011	To permit minor drawing changes that do not affect the original assessment and a change to the T5 ambient temperature range. The range is now -20°C ≤Ta ≤+45°C. This issue of the certificate also incorporates previously issued primary & supplementary certificates into one certificate and, following minor changes to the PCBs, confirms the current design meets the requirements of EN60079-0:2009 and EN60079-11:2007.
BAS02ATEX1290 Issue 6	30 August 2012	To permit minor drawing changes that do not affect the original assessment and to correct the input parameters.
BAS02ATEX1290 Issue 7	16 November 2012	To permit minor drawing changes that do not affect the original assessment and to confirm that the current design meets the requirements of EN60079-0:2012 and EN60079-11:2012.
BAS02ATEX1290X Issue 8	17 April 2013	To permit the introduction of an alternative XP95 Manual Call Point, defined by drawing 55200-940CS, which additionally carries the following marking: **⟨Ex⟩ II 1D Ex ia IIIC T135°C Da (-20°C ≤Ta ≤+60°C)** The input parameters for all variants are identical to the original parameters and are as stated above. To confirm that a special condition of safe use applies to both designs of Manual Call Points; this states that the enclosure may constitute a potential electrostatic ignition hazard and must not be rubbed or cleaned with a dry cloth or mounted in dust laden airflow. This issue is supported by test report GB/BAS/ExTR13.0090/00. Project File No. 12/1015.
BAS02ATEX1290X Issue 9	3 December 2013	To permit minor drawing changes that do not affect the original assessment. This issue is supported by test report GB/BAS/ExTR13.0293/00. Project File No. 13/0986.
BAS02ATEX1290X Issue 10	23 February 2015	To permit minor label changes. Test Report GB/BAS/ExTR15.0059/00. Project File No. 14/0988.
For drawings applicable to each issue, see original of that issue.		

1 # EU - TYPE EXAMINATION CERTIFICATE

2 **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU**

3 EU - Type Examination Certificate Number: **BAS02ATEX1290X – Issue 11**

3.1 In accordance with Article 41 of Directive 2014/34/EU, EC-Type Examination Certificates referring to 94/9/EC that were in existence prior to the date of application of 2014/34/EU (20 April 2016) may be referenced as if they were issued in accordance with Directive 2014/34/EU. Supplementary Certificates to such EC-Type Examination Certificates, and new issues of such certificates, may continue to bear the original certificate number issued prior to 20 April 2016.

4 Product: **XP95 Intrinsically Safe Manual Call Point**

5 Manufacturer: **Apollo Fire Detectors Limited**

6 Address: **36 Brookside Road, Havant, Hampshire, PO9 1JR**

7 This re-issued certificate extends EC - Type Examination Certificate No. BAS02ATEX1290X to apply to product designed and constructed in accordance with the specification set out in the Schedule of the said certificate but having any variations specified in the Schedule attached to this certificate and the documents therein referred to

8 The original certificate was issued by The Electrical Equipment Certification Service, Notified Body Number 0600, which retains responsibility for its original documentation. SGS Baseefa, Notified Body Number 1180, in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, is responsible only for the additional work relating to this re-issued certificate and any other supplementary certificate it has issued.

The examination and test results are recorded in confidential Report No. **See Certificate History**

9 Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN 60079-0:2012+A11:2013 **EN 60079-11:2012**

except in respect of those requirements listed at item 18 of the Schedule.

10 If the sign "X" is placed after the certificate number, it indicates that the product is subject to the Specific Conditions of Use specified in the schedule to this certificate.

11 This EU - TYPE EXAMINATION CERTIFICATE relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.

12 The marking of the product shall include the following :

Ⓔx II 1G Ex ia IIC T5 Ga (-20°C ≤ Ta ≤ +45°C) or Ex ia IIC T4 Ga (-20°C≤ Ta ≤ 60°C) or
Ⓔx II 1D Ex ia IIIC T135°C Da (-20°C ≤ Ta ≤ +60°C)

SGS Baseefa Customer Reference No. **0073** Project File No. **17/0348**

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pp MPowney MPowney
R S SINCLAIR
TECHNICAL MANAGER
On behalf of SGS Baseefa Limited

13 **Schedule**

14 **Certificate Number BAS02ATEX1290X – Issue 11**

15 Description of Product

The XP95 Intrinsically Safe Manual Call Point is designed to initiate an alarm on a fire detector system.

The Manual Call Point comprises an electronics circuit mounted on a single printed circuit board, an LED and a switch located in a plastic enclosure. Connections to external circuits are made to terminal block TB1 located on the PCB via a cable entry gland.

Input Parameters (all versions)
Terminal Block TB1:

$U_i = 28V$ $C_i = 0$

$I_i = 93.3mA$ $L_i = 0$

$P_i = 0.67W$

16 Report Number

See Certificate History.

17 Specific Conditions of Use

1. The enclosure may constitute a potential electrostatic ignition hazard and must not be rubbed or cleaned with a dry cloth or mounted in dust laden airflow.

18 Essential Health and Safety Requirements

In addition to the Essential Health and Safety Requirements (EHSRs) covered by the standards listed at item 9, the following are considered relevant to this product:

Clause	Subject	Compliance
1.2.7	LVD type requirements	Manufacturer responsibility
1.2.8	Overloading of equipment (protection relays, etc.)	User/Installer responsibility
1.4.1	External effects	User/Installer responsibility
1.4.2	Aggressive substances, etc.	User/Installer responsibility

19 Drawings and Documents

New drawings submitted for this issue of certificate.

Number	Sheet	Issue	Date	Description
39117-518	1 of 1	5	Nov 14	XP95 I.S. Manual Call Point Certification Plate Label
55100-940CS	1 – 3	8	Sep 15	XP95 Intrinsically Safe Manual Call Point
55200-940CS	1 – 3	2	Nov 14	XP95 Intrinsically Safe Manual Call Point

Current drawings also associated with this certificate.

Number	Sheet	Issue	Date	Description
55000-960-967INCL	1 of 1	4	Jul 11	XP95 Intrinsically Safe Waterproof Manual Call Point General Assembly
55000-970-973INCL	1 of 1	3	Jul 11	Push Button Waterproof Manual Call Point General Assembly

All drawings are common to, and held with, IECEx BAS 12.0091X.

20 Certificate History

Certificate No.	Date	Comments
BAS02ATEX1290	25 September 2002	The release of the prime certificate. The associated test and assessment against the requirements of EN50014:1997 + Amds 1 & 2, EN50020:2002 and EN50284:1999 is documented in Test Report No. 02(C)0238.
BAS02ATEX1290/1	6 August 2003	To permit a minor variation to the identification label. Intrinsic Safety is not affected.
BAS02ATEX1290/2	18 January 2008	To permit the use of a new plastic enclosure which does not affect the original assessment. A new single drawing replaces the older separate drawings.
BAS02ATEX1290/3	11 February 2009	To permit minor drawing changes that do not affect the original assessment.
BAS02ATEX1290/4	12 January 2010	To permit minor drawing changes that do not affect the original assessment.
BAS02ATEX1290 Issue 5	11 July 2011	To permit minor drawing changes that do not affect the original assessment and a change to the T5 ambient temperature range. The range is now -20°C ≤ Ta ≤ +45°C. This issue of the certificate also incorporates previously issued primary & supplementary certificates into one certificate and, following minor changes to the PCBs, confirms the current design meets the requirements of EN60079-0:2009 and EN60079-11:2007.
BAS02ATEX1290 Issue 6	30 August 2012	To permit minor drawing changes that do not affect the original assessment and to correct the input parameters.
BAS02ATEX1290 Issue 7	16 November 2012	To permit minor drawing changes that do not affect the original assessment and to confirm that the current design meets the requirements of EN60079-0:2012 and EN60079-11:2012.
BAS02ATEX1290X Issue 8	17 April 2013	To permit the introduction of an alternative XP95 Manual Call Point, defined by drawing 55200-940CS, which additionally carries the following marking: **⟨Ex⟩ II 1D Ex ia IIIC T135°C Da (-20°C ≤ Ta ≤ +60°C)** The input parameters for all variants are identical to the original parameters and are as stated above. To confirm that a special condition of safe use applies to both designs of Manual Call Points; this states that the enclosure may constitute a potential electrostatic ignition hazard and must not be rubbed or cleaned with a dry cloth or mounted in dust laden airflow. This issue is supported by test report GB/BAS/ExTR13.0090/00. Project File No. 12/1015.
BAS02ATEX1290X Issue 9	26 November 2013	To permit minor drawing changes that do not affect the original assessment. This issue is supported by test report GB/BAS/ExTR13.0293/00. Project File No. 13/0986.

Certificate No.	Date	Comments
BAS02ATEX1290X Issue 10	23 February 2015	To permit minor label changes. This issue is supported by test report GB/BAS/ExTR15.0059/00. Project File No. 14/0988.
BAS02ATEX1290X Issue 11	14 September 2017	To permit minor drawing changes that do not affect the original assessment and to confirm that the equipment meets the requirements of EN 60079-0:2012+A11:2013. This issue is supported by test report GB/BAS/ExTR17.0244/00. Project File No. 17/0348.
For drawings applicable to each issue, see original of that issue.		