



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: **Baseefa07ATEX0085**

4 Equipment or Protective System: **XLS Flameproof Limit Switch**

5 Manufacturer: **Kinetrol Limited**

6 Address: **Trading Estate, Farnham, Surrey, GU9 9NU**

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 Baseefa (2001) Ltd., Notified Body number 1180, 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 No. **GB/BAS/ExTR07.0031/00**

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

EN60079-0: 2006 EN60079-1: 2004 IEC61241-0: 2006 IEC61241-1: 2004

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 :

Ⓔ II 2GD Ex d IIC T5 Ex tD A21 IP66 T95°C (-40°C ≤ ta ≤ +80°C)

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

Baseefa Customer Reference No. **0622**

Project File No. **06/0636**

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.

Baseefa

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Baseefa is a trading name of Baseefa (2001) Ltd
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R S SINCLAIR
DIRECTOR
On behalf of
Baseefa (2001) Ltd.



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Schedule

14

Certificate Number Baseefa07ATEX0085

15 Description of Equipment or Protective System

The XLS Flameproof Limit Switch comprises a circular enclosure with a threaded cover manufactured from aluminium. The enclosure has a steel operating rod passing through the centre of the base and cover. The top of the operating rod may be fitted with an indicating assembly, and the base of the shaft is fitted with a square socket for connection to various types of instruments. Internally there is a series of microswitches, a PCB, and connecting terminals, which may be installed in different configurations to create different Flameproof Limit Switch unit types.

To obviate the risk from internal hotspots associated with the XLS Flameproof Limit Switch the enclosure must not be opened even when isolated, when a flammable atmosphere is present. A label stating this information is fitted externally to each and every enclosure.

Cable entry holes are provided as specified on the certified drawings for the accommodation of flameproof cable entry devices, with or without the interposition of a flameproof thread adapter. Unused entries are to be fitted with suitable certified flameproof stopping plugs.

The cable entry devices, thread adapters and stopping plugs shall be suitable for the equipment, the cable and the conditions of use and shall be certified as Equipment (not a Component) under an EC-Type Examination Certificate to Directive 94/9/EC.

When used in an explosive dust atmosphere the cable entry devices shall maintain the ingress protection of the enclosure

Internal and external earthing facilities are provided.

16 Report Number

Baseefa Certification Report GB/BAS/ExTR07.0031/00

17 Special Conditions for Safe 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

Number	Issue	Date	Description
315-000-003	D	23/03/07	XLS Box General Construction and Labels
315-005-002	D	19/03/07	XLS Box Cover
315-004-011	E	15/03/07	XLS Box Base 1 to 4 Port
315-017-001	B	05/02/07	Coupling
52-000-346	B	21/03/06	Monitor
SK3490	A	08/02/06	Cap Antistatic
99-095-1	A	16/03/07	Label

These drawings are common to IECEx BAS 07.0014 and its associated report GB/BAS/IECExTR 07.0031/00..



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: **Baseefa07ATEX0085/1**

4 Equipment or Protective System: **XLS Flameproof Limit Switch**

5 Manufacturer: **Kinetrol Limited**

6 Address: **Trading Estate, Farnham, Surrey, GU9 9NU**

7 This supplementary certificate extends EC – Type Examination Certificate No. Baseefa07ATEX0085 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.

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

Baseefa Customer Reference No. **0622**

Project File No. **08/0981**

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.

Baseefa

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

A handwritten signature in blue ink, appearing to read "R S Sinclair".

R S SINCLAIR
DIRECTOR
On behalf of
Baseefa

Re-issued 18th July 2011 to replace original



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Schedule

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Certificate Number Baseefa07ATEX0085/1

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Description of the variation to the Equipment or Protective System

Variation 1.1

To permit minor modifications including a 2mm undercut to the cable entries.

This arrangement is intended for use with NPT cable glands or stopping plugs having a thread length not less than the "L4" dimension to ANSI/ASME B1.20.1 e.g. to EN 60079-1: 2007.

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Report Number

Baseefa Certification Report GB/BAS/ExTR09.0051/00

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Special Condition for Safe Use

None.

18

Essential Health and Safety Requirements

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

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Drawings and Documents

Number	Issue	Date	Description
315-004-011	F	13.11.08	XLS Box Base 1 to 4 Port
315-017-001	C	24.11.08	Coupling

These drawings are common to IECEx BAS 07.0014 and are held on that file.