

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: **ITS09ATEX16424X**

4. Equipment or Protective System: **Trojan**

5. Manufacturer: **Pyropress Engineering Company Ltd**

6. Address: **Bell Close, Plympton, Plymouth, Devon, PL7 4JH**

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. Intertek Testing and Certification Limited, notified body number 0359 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 Intertek Report 09041383, parts A1, B1, dated 24 August 2009.

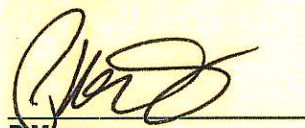
9. Compliance with the Essential Health and Safety Requirements has been assured by compliance with standards EN60079-0:2006 and EN60079-1:2007 except in respect of those requirements referred to at item 18 of the Schedule.

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 in accordance to the directive 94/9/EC. 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 2 G Ex d IIC T6 (T_{amb} -50°C to +71°C)
T5 (T_{amb} -50°C to +86°C)
T4 (T_{amb} -50°C to +96°C)



P Moss
Certification Officer
Date: 1. Sept. 09.

Intertek Testing & Certification Limited
Deeside Lane, Chester, CH1 6DD
Tel: + 44 (0)1244 882590 Fax: +44 (0)1244 882599
<http://www.intertek.com>
Registered No 3272281 Registered Office: 25 Savile Row London W1X 1AA

This certificate may only be reproduced in its entirety and without any change, schedule included and is subject to Intertek Testing and Certification Conditions for Granting Certification.



13. SCHEDULE
14. EC-TYPE EXAMINATION CERTIFICATE NUMBER ITS09ATEX16424X
15. Description of Equipment or Protective System

The Trojan is an Ex d switch that comprises of two Ex d MS100 Microswitches (Certificate Number EPSILON 07 ATEX 2321X) fitted into an aluminium enclosure (with magnesium content < 7.5%) with cable termination via a flying lead. Connection to an Ex d or Ex e terminal enclosure is via an optional suitably approved ATEX cable gland or the certified Pyropress cable gland as shown on drawing number 1293-A2. The Trojan enclosure itself is not flameproof but provides mechanical protection and switch actuation for the Ex d MS100 Microswitches and ensures that the cable connected to the Ex d MS100 Microswitches is not subjected to torque or mechanical stress. The switches are rated as follows:

AC: 250V 5A
DC: 30V 5A

16. Report Number:
- Intertek Report 09041383, parts A1, B1, dated 24 August 2009.

17. CONDITIONS OF CERTIFICATION:

- (a). Special Conditions for safe use

The permanently attached cable associated with the apparatus shall be terminated in accordance with EN60079-14.

Appropriate overload protection must be provided during installation.

- (b). Conditions For Use

None.

18. Essential Health and Safety Requirements (EHSR's)

The relevant EHSR's have been identified and assessed in Intertek Report 09041383, part C1, dated 24 August 2009.

Intertek Testing & Certification Limited
Deeside lane, Chester, CH1 6DD
Tel: + 44 (0)1244 882590 Fax: +44 (0)1244 882599

<http://www.intertek.com>

Registered No 3272281 Registered Office: 25 Savile Row London W1X 1AA

This Certificate is the property of Intertek Testing and Certification Ltd and is subject to Intertek Testing and Certification Conditions for Granting Certification.



- 13. SCHEDULE
- 14. EC-TYPE EXAMINATION CERTIFICATE NUMBER ITS09ATEX16424X
- 19. Drawings and Documents

Number	Title	Issue	Date
1292-A1	Certification Drawing Trojan	A	21/11/07
A4-M-9415	Certification Drawing Ex d Microswitch	H	07/07/09
1293-A2	Certification Drawing Pyropress Cable Gland	A	10/12/07

This Certificate is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Certificate. Only the Client is authorized to permit copying or distribution of this Certificate and then only in its entirety. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek.

Intertek Testing & Certification Limited
Deeside lane, Chester, CH1 6DD
Tel: + 44 (0)1244 882590 Fax: +44 (0)1244 882599
<http://www.intertek.com>
Registered No 3272281 Registered Office: 25 Savile Row London W1X 1AA

This Certificate is the property of Intertek Testing and Certification Ltd
and is subject to Intertek Testing and Certification Conditions for Granting Certification.