



IECEx Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.: IECEx SIR 07.0009X issue No.: 0 Certificate history:

Status: **Current**

Date of Issue: **2008-01-09** Page 1 of 3

Applicant: **Raxton Limited**
Kingsway South
Westgate
Aldridge
West Midlands WS9 8FS
United Kingdom

Electrical Apparatus: **Types CB, CF, CK, CQ and CY Stopping Plugs**
Optional accessory:

Type of Protection: **Flameproof and Increased Safety**

Marking: **Ex d I/IIIC**
Ex e I/II
(Group I marking does not apply to CY Stopping Plugs)

Approved for issue on behalf of the IECEx C Ellaby
Certification Body:

Position: Certification Officer

Signature:
(for printed version)

Date:

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting the Official IECEx Website.

Certificate issued by:

SIRA Certification Service
Rake Lane
Eccleston
Chester
CH4 9JN
United Kingdom





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Manufacturer: **Raxton Limited**
Kingsway South
Westgate
Aldridge
West Midlands WS9 8FS
United Kingdom

Manufacturing location(s):

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended.

STANDARDS:

The electrical apparatus and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards:

IEC 60079-0 : 2004 Edition: 4.0	Electrical apparatus for explosive gas atmospheres - Part 0: General requirements
IEC 60079-1 : 2003 Edition: 5	Electrical apparatus for explosive gas atmospheres - Part 1: Flameproof enclosure 'd'
IEC 60079-7 : 2006-07 Edition: 4	Explosive atmospheres - Part 7: Equipment protection by increased safety "e"

This Certificate does not indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed above.

TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in

Test Report:

GB/SIR/ExTR07.0047/00

Quality Assessment Report:

GB/SIR/QAR07.0016/00



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The devices are threaded stopping plugs that are used to fill unused entries in associated apparatus. The plugs have threadforms between M16 and M 120. They are briefly described as follows:

Type CF: Round/hexagon socket/internal mounting
Type CB: Round/hexagon socket/external mounting
Type CK: Hexagon head
Type CQ: 'Mushroom' head
Type CY: Similar to Type CK with a hollow threaded section

Design options

The materials of construction may be brass, stainless steel or mild steel.
Entry threads may be Metric to ISO 965, Pg to DIN 40430, BSPP to BS 31, ET (British Conduit) to ET 31, NPS to ANSI/ASME B1.20.1 or threadforms complying with Table 3 of IEC 60079-1.

CONDITIONS OF CERTIFICATION: YES as shown below:

1. If a stopping plug is machined with an undercut and is used for an Ex d application, then the wall of the enclosure into which it is fitted shall be such as to maintain five full threads of engagement.