



# 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](http://www.iecex.com)

Certificate No.:  issue No.:

Status:

Date of Issue:  Page 1 of 3

Applicant: **Hawke International**  
Oxford Street West  
Ashton-under-Lyne  
Lancashire  
OL7 0NA  
United Kingdom

Electrical Apparatus: **Types 387/1, 475/1 and 477/1 Blanking Plugs**  
Optional accessory:

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

Marking: **Ex d I/IIC**  
**Ex e I/II**

Approved for issue on behalf of the IECEx  
Certification Body:

D R Stubbings BA MIET

Position:

Certification Manager

Signature:  
(for printed version)

Date:

2008-02-19

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

**sira**  
CERTIFICATION



# IECEx Certificate of Conformity

Certificate No.: IECEx SIR 07.0036X

Date of Issue: 2008-02-19

Issue No.: 0

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Manufacturer: **Hawke International**  
Oxford Street West  
Ashton-under-Lyne  
Lancashire  
OL7 0NA  
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:

<b>IEC 60079-0 : 2004</b> Edition: 4.0	Electrical apparatus for explosive gas atmospheres - Part 0: General requirements
<b>IEC 60079-1 : 2003</b> Edition: 5	Electrical apparatus for explosive gas atmospheres - Part 1: Flameproof enclosure 'd'
<b>IEC 60079-7 : 2006-07</b> 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/ExTR07.0049/00

Quality Assessment Report:

GB/BAS/QAR06.0062/00



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## Schedule

### EQUIPMENT:

*Equipment and systems covered by this certificate are as follows:*

The devices are designed to fill unused entries in the associated apparatus. Devices may have a threadform between M16 and M120. Type 477/1 devices are designed for internal mounting and 475/1 for external mounting. Type 387/1 may be internally or externally mounted.

### Design options

The materials of construction may be Brass, Stainless steel or Mild steel. Entry threads may be:

•	Metric to BS 3643:1981
•	ET Conduit to BS 31:1940
•	PG to DIN 40430:1971
•	BSPP to BS 2779:1985
•	BSPT to BS 21:1985
•	NPT to ANSI/ASME B1.20.1-1983
•	Any Threadforms complying with Table 3 of IEC 60079-1.

### CONDITIONS OF CERTIFICATION: YES as shown below:

- 1 When used for Increased Safety ('Ex e') applications, a suitable method of sealing to the associated enclosure shall be provided
- 2 If a Type 387/1 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 engagement.