



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 BAS 11.0075X issue No.:3

Status: Current

Date of Issue: 2015-06-23 Page 1 of 4

Certificate history:

Issue No. 3 (2015-6-23)

Issue No. 2 (2013-3-8)

Issue No. 1 (2012-4-13)

Issue No. 0 (2011-8-19)

Applicant: **Hawke International**
A Division of Hubbell Limited
A Member of the Hubbell Group of Companies
Oxford Street West
Ashton-under-Lyne
Lancashire
OL7 0NA
United Kingdom

Electrical Apparatus: 389 Increased Safety Breather
Optional accessory:

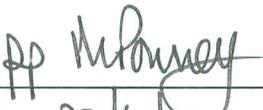
Type of Protection: Ex e I, Ex e IIC Increased safety, Ex tb IIIC protection by enclosure

Marking: Ex e I Mb
Ex e IIC Gb
Ex tb IIIC Db Service temp -(60°C to +80°C or 160°C)

Approved for issue on behalf of the IECEx Certification Body: R S Sinclair

Position: Technical Manager

Signature:
(for printed version)



23/6/15

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

Certificate issued by:

SGS Baseefa Limited
Rockhead Business Park
Staden Lane
Buxton
Derbyshire
SK17 9RZ
United Kingdom





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Manufacturer: **Hawke International**
A Division of Hubbell Limited
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Oxford Street West
Ashton-under-Lyne
Lancashire
OL7 0NA
United Kingdom

Additional 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 : 2011 Edition: 6.0	Explosive atmospheres - Part 0: General requirements
IEC 60079-31 : 2008 Edition: 1	Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure 't'
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/BAS/ExTR11.0168/00
GB/BAS/ExTR15.0145/00

GB/BAS/ExTR12.0095/00

GB/BAS/ExTR13.0032/00

Quality Assessment Report:

GB/BAS/QAR06.0061/04



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The Type 389 Breather Drains is designed to be fitted in an entry on the face of an Exe or Extb enclosure to allow the enclosure to breathe and drain.

There are 2 sizes: M20 x 1.5 pitch and M25 x 1.5mm pitch.

The breather drain comprises a metallic body with hexagonal head and threaded and threaded entry 10mm long minimum. In the bore of the body there is a press fit metallic sinter. The head of the breather drain has several drain holes passing behind the sinter. A nitrile rubber or silicone rubber o-ring set in a groove at the shoulder of the male thread and hexagon body ensures efficient sealing to an associated enclosure.

The breather drain when fitted in the bottom face of the equipment is capable of meeting the requirements of IP66

CONDITIONS OF CERTIFICATION: YES as shown below:

1. The breather drain shall be mounted in the bottom face of a vertically mounted enclosure to ensure it is able to breathe and drain effectively.
2. The maximum operation temperature range of the breather drain when fitted with a nitrile o-ring is -60°C to +80°C.
3. The maximum operating temperature range of the breather drain when fitted with a silicone o-ring is -60°C to + 160°C.
4. Plain holes shall be no larger than 0.7mm above the major diameter of the breathing device thread and the device shall be secured with a locknut and optional locking washer



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above):

Variation 3.1

Correction of body part number from 9534 to 9538 on 389 Exe Breather drawing

ExTR: GB/BAS/ExTR15.0145/00

File Reference: 15/0276