



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 09.0091U Issue No: 1 Certificate history:
Status: Current Page 1 of 4 Issue No. 1 (2013-12-09)
Date of Issue: 2013-12-09 Issue No. 0 (2009-08-28)
Applicant: **ABTECH Limited**
5 Sanderson Street
Sheffield
S9 2UA
United Kingdom
Electrical Apparatus: **ABSP Range of Hexagonal Head Stopping Plugs**
Optional accessory:
Type of Protection: **Increased Safety, Dust protection by enclosure**
Marking: **Ex e IIC**
Ex (b) IIIC IP67 (-60°C ≤ ta ≤ +80°C)

Approved for issue on behalf of the IECEx
Certification Body:

R S Sinclair

Position:

General Manager

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](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: **ABTECH Limited**
5 Sanderson Street
Sheffield
S9 2UA
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 : 2007-10 Edition:5	Explosive atmospheres - Part 0:Equipment - General requirements
IEC 60079-7 : 2006-07 Edition:4	Explosive atmospheres - Part 7: Equipment protection by increased safety "e"
IEC 61241-1 : 2004 Edition:1	Electrical apparatus for use in the presence of combustible dust - Part 1: Protection by enclosures "tD"

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/ExTR09.0126/00 GB/BAS/ExTR13.0161/00

Quality Assessment Report:

GB/SIR/QAR06.0046/05



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The ABSP range of nickel plated brass stopping plugs comprise of a hexagonal head and threaded body fitted with a PTFE sealing washer. The range includes the following sizes:

See ANNEX for full description.

See ANNEX for Schedule of Limitations

CONDITIONS OF CERTIFICATION: NO



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

Variation 1.1

Materials of manufacture are brass, nickel plated brass and stainless steel.

ExTR: GB/BAS/ExTR13.0161/00

File Reference: 13/0306

Annex:

[IECEx BAS 09.0091U ANNEX.pdf](#)

Baseefa

Rockhead Business Park
Staden lane, Buxton, Derbyshire
SK17 9RZ
United Kingdom



ANNEX to IECEx BAS 09.0091U

Issue No. 0

Date: 2009/08/28

The ABSP range of nickel plated brass stopping plugs comprise of a hexagonal head and threaded body fitted with a PTFE sealing washer. The range includes the following sizes:

Part Number	Thread Size (Metric)
ABSP-H-M16	M16 x 1.5
ABSP-H-M20	M20 x 1.5
ABSP-H-M25	M25 x 1.5
ABSP-H-M32	M32 x 1.5
ABSP-H-M40	M40 x 1.5
ABSP-H-M50	M50 x 1.5
ABSP-H-M63	M63 x 1.5
ABSP-H-M75	M75 x 1.5

Schedule of Limitations

1. The range of stopping plugs shall not be exposed to temperatures outside the service temperature range of -60°C to +80°C.
2. The range of stopping plugs shall be fitted with the PTFE sealing washer.
3. When the stopping plugs are fitted in clearance holes then the hole diameter shall be no greater than 0.5mm above the major diameter of the stopping plug thread.
4. The stopping plugs shall remain perpendicular to the equipment face when installed to ensure correct compression of the PTFE sealing washer.