



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 CQM 13.0029X Issue No: 1 Certificate history:
Status: **Current** Page 1 of 4 [Issue No. 1 \(2016-11-21\)](#)
Date of Issue: **2016-11-21** [Issue No. 0 \(2013-08-18\)](#)

Applicant: **WAROM TECHNOLOGY INCORPORATED COMPANY**
No. 555, Baoqian Road, Jiading District, Shanghai City
Postal code: 201 808
China

Equipment: **Explosion-proof seal bushings BAG-**-***
Optional accessory:

Type of Protection: **Flameproof enclosure "d", Protection by enclosure "t", Increased safety "e"**

Marking:
Ex db IIC Gb, Ex eb IIC Gb, Ex tb IIIC Db IP66
-60°C≤T_{service}≤+75°C

*Approved for issue on behalf of the IECEx
Certification Body:*

Ji Xiaodong

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](#).

Certificate issued by:

China Quality Mark Certification Group Co., Ltd.
No. 33 Zengguang Road, Haidian District,
Beijing City, Postal code: 100048
China





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Manufacturer: **WAROM TECHNOLOGY INCORPORATED COMPANY**
No. 555, Baoqian Road, Jiading District, Shanghai City
Postal code: 201 808
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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 60079-1 : 2014-06 Edition:7.0	Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
IEC 60079-31 : 2013 Edition:2	Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"
IEC 60079-7 : 2015 Edition:5.0	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:

[CN/CQM/ExTR13.0016/00](#) [CN/CQM/ExTR16.0039/00](#)

Quality Assessment Report:

[CN/CQM/QAR07.0003/06](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

Description of equipment

BAG Series Explosion-proof Seal bushings (hereinafter referred to as seal bushings) are Conduit sealing devices and apply to hazardous areas Zone 1 & Zone 2 & Zone 21 & Zone 22 and in the process of steel pipe wiring of electric circuit. It can effectively isolate steel pipe and electrical equipment and prevent explosive gas from transmitting mutually between the internal steel pipe area and electric equipments. This product is suitable for isolation between pipes, pipes and explosion-proof cavities and explosion-proof cavities.

BAG Series Explosion-proof Seal bushings consists of aluminium alloy conduit with glue insides, metric and NPT threads for connection with flameproof, increased safety or dust proofed compartment. G threads are only available for Ex eb and Ex tb.

Technical data

Metric thread: M20×1.5, M25×1.5, M32×1.5, M40×1.5, M50×1.5, M63×1.5

NPT thread: NPT1/2", NPT3/4", NPT1", NPT1 1/4", NPT1 1/2" , NPT2"

G thread: G1/2", G3/4", G1", G1 1/4", G1 1/2", G2" (for Ex eb and Ex tb only)

CONDITIONS OF CERTIFICATION: YES as shown below:

1. The service temperature : -60°C to +75°C,
2. For M Metric thread and G thread, when installation, The Explosion-proof seal bushings shall provided with an additional seal or gasket.
3. When assembly, operation and maintenance, the operator should follow the requirements of instruction of BAG Series Explosion-proof Seal Bushings.



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

1. Updated IEC60079-0:2007 to IEC60079-0:2011, IEC60079-1:2007 to IEC60079-1:2014, IEC60079-7:2006 to IEC60079-7:2015 ? IEC60079-31:2008 to IEC60079-31:2013.

2. Added specifications M40×1.5, M50×1.5, M63×1.5, NPT1 1/4" , NPT1 1/2" , NPT2" and G1 1/4" , G1 1/2" , G2".