



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.: issue No.:

Status:

Date of Issue: **2013-09-16** Page 1 of 3

Applicant: **Warom Technology Incorporated Company**
No.555, Baoqian Road, Jiading District, Shanghai, 201808, P.R.China.
China

Electrical Apparatus: **Increased Safety Enclosures BXT-e Series**
Optional accessory:

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

Marking: **Ex e IIC Gb / Ex tb IIIC Db IP66**

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

Position: **President**

Signature:
(for printed version)

Date:

2013-09-16

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:

China Quality Mark Certification Group Co., Ltd.
No. 33 Zengguang Road, Haidian District,
Beijing City, Postal code: 100037
China





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Manufacturer: **Warom Technology Incorporated Company**
No.555, Baoqian Road, Jiading District, Shanghai, 201808, P.R.China.
China

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 Explosive atmospheres - Part 0:Equipment - General requirements
Edition: 5

IEC 60079-31 : 2008 Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure 't'
Edition: 1

IEC 60079-7 : 2006-07 Explosive atmospheres - Part 7: Equipment protection by increased safety "e"
Edition: 4

*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/ExTR13.0051/00](#)

Quality Assessment Report:
[CN/CQM/QAR07.0003/04](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

Description of equipment

The BXT-e Series Increased Safety Enclosure is Ex components which comprise of an enclosure and a cover. The explosion-proof enclosures are manufactured from aluminium alloy. The enclosures are provided with threaded holes. The number of holes depends on model. The threaded holes are used for fitting with appropriately certified cable glands. The unused entry holes are blocked by suitably certified plugs. The cover is fastened onto the body by bolts. The enclosure is fitted with an external earth screw and an internal earth screw. EPDM sealing strip seals between the body and the cover, and between the body and the side plate ensure the degree of protection IP66.

This certificate covers enclosure code I, II, III, IV, V, VI, VII and VIII.

Schedule of Limitations" for Ex Components:

1. The assembly should be equipped with suitably certified cable glands with a compatible mode of protection for the intended use. The unused holes should be closed by suitably certified plugs.
2. Rated service temperature range (°C) for Ex Components[PTK1]: -60°C~+100°C.

[PTK1]This row is to be removed if ExTR package does not address an Ex Component.

CONDITIONS OF CERTIFICATION: NO