



# IECEx Certificate of Conformity

## INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit [www.iecex.com](http://www.iecex.com)

Certificate No.: **IECEx CQM 16.0032X**

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Certificate history:

Status: **Current**

Issue No: 3

[Issue 2 \(2024-08-15\)](#)

[Issue 1 \(2022-06-23\)](#)

[Issue 0 \(2016-11-08\)](#)

Date of Issue: 2025-11-12

Applicant: **WAROM TECHNOLOGY INCORPORATED COMPANY**  
No. 555, Baoqian Road, Jiading District, Shanghai 201808  
China

Equipment: **Explosion-proof Emergency Exit Light Fittings typed BAYD85-\*\***

Optional accessory:

Type of Protection: **Flameproof "db", Dust ignition protection by enclosure "tb"**

Marking: Ex db II B T6 Gb (-60°C~+58°C/+60°C)  
Ex db II C T6 Gb (-40°C~+58°C/+60°C)  
Ex tb IIIC T80°C Db(-60°C~+58°C/+60°C)

Approved for issue on behalf of the IECEx  
Certification Body:

**Ji Xiaodong**

Position:

**President**

Signature:  
(for printed version)

Date:  
(for printed version)

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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 201808  
China

Manufacturing locations: **WAROM TECHNOLOGY INCORPORATED COMPANY**  
No. 555, Baoqian Road, Jiading District, Shanghai 201808  
China

**WAROM TECHNOLOGY MENA FZCO**  
Plot, S10103, Jebal Ali South, Jebal Ali Freezone  
DUBAI PO Box: 263667  
United Arab Emirates

**WAROM TECHNOLOGY ARABIA INDUSTRIAL LLC**  
Building No. 4443, Ibn Sina Street, 1st Industrial District  
Dammam 32234  
Saudi Arabia

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 equipment 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 60079-0:2017](#) Explosive atmospheres - Part 0: Equipment - General requirements  
Edition:7.0

[IEC 60079-1:2014](#) Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"  
Edition:7.0

[IEC 60079-31:2022](#) Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure "t"  
Edition:3.0

This Certificate **does not** indicate compliance with 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 Reports:

[CN/CQM/ExTR16.0033/00](#)

[CN/CQM/ExTR16.0033/01](#)

[CN/CQM/ExTR16.0033/02](#)

Quality Assessment Report:

[CN/CQM/QAR07.0003/14](#)



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## EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

### Description of equipment:

The explosion-proof emergency exit light fittings contain light source chamber and terminal chamber with a cemented joint between them. Both chamber enclosures consist of shell body and cover, made of die-casting aluminium ZL102. For the light source chamber, there are also toughened glass, button assembly, luminescence board and emergency control device with secondary battery designed. And inside the terminal chamber, terminal assembly is intended for connection to external circuits. In the wall of terminal chamber, two threaded holes are provided to install with certified cable gland or blanking element. The degree of protection of explosion-proof emergency exit light fittings is IP66 (IEC60529).

### Rating

100~300V AC 50/60Hz, 100~250V DC, 12~48V AC/DC, refer to attachment for relationship between the rated voltage, input power and the ambient temperature.

**Nomenclature:** Refer to attachment for details.

## SPECIFIC CONDITIONS OF USE: YES as shown below:

1. Contact the original manufacturer for the information of dimension of flameproof joint.

2. When explosion-proof emergency exit light fittings are installed in explosive atmosphere, cable gland and blanking plug, with type of protection Ex db II B Gb or Ex db II C Gb, Ex tb IIIC Db, threaded type M25×1.5 and degree of protection IP66, shall be adopted. An additional seal shall be used when parallel threads employed.

3. Observe the warning:

WARNING-DO NOT OPEN WHEN AN EXPLOSIVE ATMOSPHERE MAY BE PRESENT!

WARNING-POTENTIAL ELECTROSTATIC CHARGING HAZARD – SEE INSTRUCTIONS!

4. The relationship between the rated voltage, input power and the ambient temperature is specified in attachment.



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

Change the location of WAROM TECHNOLOGY MENA FZCO and additional manufacturing Location WAROM TECHNOLOGY ARABIA INDUSTRIAL LLC is added.

**Annex:**

[IECEx\\_CQM\\_16.0032X\\_003.pdf](#)



# Attachment to CoC

## IECEX CQM 16.0032X Issue 03



### Applicant:

**Warom Technology Incorporated Company**

Address: No.555, Baoqian Road, Jiading, Shanghai, 201808, PRC

### Electrical equipment:

Explosion-proof Emergency Exit Light Fittings typed BAYD85-□□

### Nomenclature:

BAYD85 -□□

Sign plate code: A~G

Mounting, G: Pendant pole type, X: Ceiling type, B: Wall type

Explosion-proof Emergency Exit Light Fittings

**The relationship between the rated voltage, input power and the ambient temperature is as below:**

Rated voltage	Ex db IIB T6 Gb	Ex db IIC T6 Gb	Ex tb IIIC T80 °C Db	Input power (W)
100~300V AC 50/60Hz, 100~250V DC	-60°C~+58°C	-40°C~+58°C	-60°C~+58°C	8
12~48V AC/DC	-60°C~+60°C	-40°C~+60°C	-60°C~+60°C	8
100~300V AC 50/60Hz, 100~250V DC, 12~48V AC/DC	-60°C~+60°C	-40°C~+60°C	-60°C~+60°C	4