



# 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.:	<b>IECEx CQM 15.0061X</b>	Page 1 of 4	<u>Certificate history:</u>
Status:	<b>Current</b>	Issue No: 1	<b>Issue 0 (2016-03-11)</b>
Date of Issue:	2025-11-12		
Applicant:	<b>WAROM TECHNOLOGY INCORPORATED COMPANY</b> No. 555, Baoqian Road, Jiading District, Shanghai 201808 China		
Equipment:	<b>Explosion-proof Junction Boxes BHD91 Series</b>		
Optional accessory:			
Type of Protection:	<b>Flameproof enclosures "d", Protection by enclosure "t"</b>		
Marking:	Ex db IIC T6 Gb Ex tb III C T80°C Db IP66 -60°C ≤ Tamb ≤ +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 60079-0:2011](#) Explosive atmospheres - Part 0: General requirements  
Edition:6.0

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

[IEC 60079-31:2013](#) Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"  
Edition:2

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 Report:

[CN/CQM/ExTR15.0092/00](#)

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

BHD91 Series explosion-proof junction boxes consist of enclosure, cover, built-in guide rail and terminals etc.. Enclosure is die-casting formed of ENAC-AISi12(b) (ZL102) aluminum alloy, of which the content of Mg, Ti and Zr is not more than 7.5%. The minimum thickness of enclosure is equal or more than 6 mm, with high pressure electrostatic plastic-sprayed surface which has high corrosion-proof capability. Flameproof threads connect the cover and enclosure, which is equipped with stop screw. The effective engaged threads number is equal or more than 6. There are four kinds of outline code: A, B, C and D. The side of enclosure can be equipped with inlet and outlet. Cable can enter box and connect to terminal via cable entry device. Both steel pipe wiring and cable wiring are available for this product. Earthing screws are equipped both inside and outside the enclosure, which should be reliably earthing. Inlet and outlet thread specifications are NPT thread and ISO Standard Metric thread. The inlet and outlet of junction box are equipped with plugs, explosion-proof cable gland is needed for on-site using which have obtained the IECEx certificate (Ex-mark: Ex db IIC Gb / Ex tb III C Db IP66)

### Rating

Max.500VAC, Max.41A

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

1. Repair of the threaded joints must be made in compliance with the structural specifications provided by the manufacturer.
2. The entry shall be equipped with Ex certified cable glands with a compatible mode of protection for the intended use.



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

Additional manufacturing locations WAROM TECHNOLOGY MENA FZCO and WAROM TECHNOLOGY ARABIA INDUSTRIAL LLC are added.