

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 11.0010 Issue No: 1 Certificate history:
Status: **Current** Page 1 of 4 Issue No. 1 (2016-01-29)
Date of Issue: **2016-01-29** Issue No. 0 (2011-08-31)
Applicant: **Warom Technology Incorporated Company**
No. 555, Baoqian Road, Jiading District, Shanghai City
Postal code: 201 808
China
Electrical Apparatus: **Explosion-proof light fittings HRD61-150...**
Optional accessory:
Type of Protection: **Flameproof enclosures "d", Protection by enclosure "d"**
Marking: Ex d IIC T4/T3 Gb
Ex tD A21 T135°C/T200°C IP66
-60°C≤Ta≤+40°C :T4, T135°C
-60°C≤Ta≤+55°C :T3, T200°C

Approved for issue on behalf of the IECEx
Certification Body:

Ji Xiaodong

Position:

General Manager

Signature:
(for printed version)

Date:

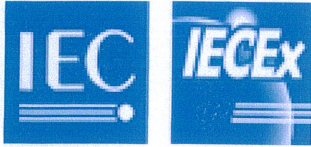
2016-01-29

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: 100048
China





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Manufacturer: **Warom Technology Incorporated Company**
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Postal code: 201 808
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 Edition:5	Explosive atmospheres - Part 0:Equipment - General requirements
IEC 60079-1 : 2007-04 Edition:6	Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
IEC 61241-0 : 2004 Edition:1	Electrical apparatus for use in the presence of combustible dust - Part 0: General requirements
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:

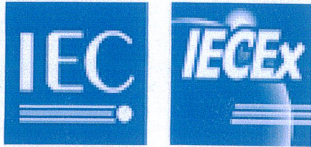
A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in

Test Report:

CN/CQM/ExTR11.0010/00 CN/CQM/ExTR11.0010/01

Quality Assessment Report:

CN/CQM/QAR07.0003/05



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Certificate No: IECEx CQM 11.0010

Issue No: 1

Date of Issue: 2016-01-29

Page 3 of 4

Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

Description of equipment

HRD61-150 explosion-proof light fitting is intended for the use in explosive gas atmospheres as well as for the use in the presence of dust. The enclosure material is aluminium alloy. The glass cover is toughened glass. It is used for metal halide lamp, high pressure sodium lamp and high pressure mercury lamp. It includes a terminal compartment, a light source compartment, a capacitor compartment and an optional trigger compartment. All of these four compartment is designed in type of protection flameproof enclosure "d". Only the light source is metal halide lamp or high pressure sodium lamp, the trigger is provided. In the high pressure mercury lamp version, the lamp source compartment is provided with one M20 internal thread to accommodate a compensation capacitor. In the metal halide lamp or high pressure sodium lamp version, the lamp source compartment is provided with two M20 internal threads to accommodate a compensation capacitor and a trigger.

Rating

Rated voltage: 220V~240V AC 50/60Hz

Power of lamp: high pressure sodium lamp : 70W, 100W; metal halide lamp: 70W, 100W, 150W; high pressure mercury lamp: 80W, 125W.

CONDITIONS OF CERTIFICATION: NO



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Certificate No: IECEx CQM 11.0010

Issue No: 1

Date of Issue: 2016-01-29

Page 4 of 4

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

The model of BAD61-125 explosion-proof light fitting is changed to HRD61-150.