



# 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](http://www.iecex.com)

Certificate No.:

IECEX CQM 10.0022

issue No.:2

Certificate history:

Issue No. 2 (2012-7-3)  
Issue No. 1 (2011-9-19)  
Issue No. 0 (2010-9-16)

Status:

Current

Date of Issue:

2012-07-03

Page 1 of 4

Applicant:

**JIANGSU HUAYAN MARINE EQUIPMINT CO., LTD.**

No.6 Jiuwei Road,Danyang Economic Development Zone, Jiangsu Province, China Postal  
code: 212300  
China

Electrical Apparatus:  
*Optional accessory:*

**Lifebuoy self-igniting light (Intrinsic safety) Type FBQD2**

Type of Protection:

**Intrinsic safety "i"**

Marking:

Ex ia IIC T3 Ga  
Tamb: -20°C~+55°C

Approved for issue on behalf of the IECEx  
Certification Body:

Zhang Wei

Position:

General Manager

Signature:  
(for printed version)

Date:

2012-07-03

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





# IECEX Certificate of Conformity

Certificate No.: IECEx CQM 10.0022

Date of Issue: 2012-07-03

Issue No.: 2

Page 2 of 4

Manufacturer: **JIANGSU HUAYAN MARINE EQUIPMINT CO., LTD.**  
No.6 Jiuwei Road, Danyang Economic Development Zone, Jiangsu Province, China  
Postal code: 212300  
**China**

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 60079-11 : 2006** Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"  
Edition: 5  
**IEC 60079-26 : 2006** Explosive atmospheres - Part 26: Equipment with equipment protection level (EPL) Ga  
Edition: 2

*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/ExTR10.0025/00

CN/CQM/ExTR10.0025/01

CN/CQM/ExTR10.0025/02

Quality Assessment Report:

CN/CQM/QAR10.0005/00



# IECEX Certificate of Conformity

Certificate No.: IECEx CQM 10.0022

Date of Issue: 2012-07-03

Issue No.: 2

Page 3 of 4

## Schedule

### EQUIPMENT:

*Equipment and systems covered by this certificate are as follows:*

#### Description of equipment

FBQD2 lifebuoy light consists of housing, cover, gasket and LED. The housing is made of PC plastic.

#### Rating

3V DC  
IP68

### CONDITIONS OF CERTIFICATION: NO



# IECEx Certificate of Conformity

Certificate No.: IECEx CQM 10.0022

Date of Issue: 2012-07-03

Issue No.: 2

Page 4 of 4

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

1. The Standards Revision changed from IEC60079-0:2004 to IEC60079-0:2007.
2. Assessed against IEC60079-26:2006 and update the marking.