



# 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.: **0** Certificate history: \_\_\_\_\_

Status: **Current**

Date of Issue: **2010-09-16** Page 1 of 3

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

Electrical Apparatus: **Lifebuoy self-igniting light (Intrinsic safety) Type FBQD2**  
Optional accessory:

Type of Protection: **Intrinsic safety "i"**

Marking: **Ex ia IIC T4 Ga**  
**IP68**  
**Tamb: -1°C~+30°C**

Approved for issue on behalf of the IECEx  
Certification Body:

Zhang Wei

Position:

General Manager

Signature:  
(for printed version)

Date:

2010-09-16

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: **JIANGSU HUAYAN MARINE EQUIPMINT CO., LTD.**  
No.6 Jiuwei Road,Danyang Economic Development Zone, Jiangsu Province, Ct  
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 product 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 identification documents, was found to comply with the following standards:

<b>IEC 60079-0 : 2004</b> Edition: 4.0	Electrical apparatus for explosive gas atmospheres - Part 0: General requirements
<b>IEC 60079-11 : 2006</b> Edition: 5	Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "I"

*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](#)

Quality Assessment Report:

[CN/CQM/QAR10.0005/00](#)



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## 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

CONDITIONS OF CERTIFICATION: NO