

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 16.0006 Issue No: 0 Certificate history:
Status: **Current** Page 1 of 3 Issue No. 0 (2016-04-08)
Date of Issue: **2016-04-08**
Applicant: **Jiangsu Huayan Marine Equipment Co.,Ltd**
No.8 Huangjintang West Road Danyang Economic Development Zone
Jiangsu Province
213023
China
Electrical Apparatus: **Life Jacket Light YDL12-Ex**
Optional accessory:
Type of Protection: **Intrinsic safety "I", inherently safe optical radiation "op is"**
Marking: **Ex ia op is IIC T4 Gb**
-30°C≤Ta≤+65°C

Approved for issue on behalf of the IECEx
Certification Body:

Ji Xiaodong

Position:

General Manager

Signature:
(for printed version)

Date:

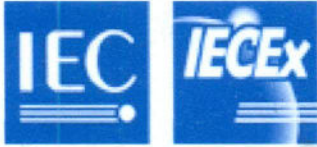
2016-04-08

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: **Jiangsu Huayan Marine Equipment Co.,Ltd**
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213023
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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 : 2011 Edition:6.0	Explosive atmospheres - Part 0: General requirements
IEC 60079-11 : 2011 Edition:6.0	Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
IEC 60079-28 : 2015 Edition:2	Explosive atmospheres - Part 28: Protection of equipment and transmission systems using optical radiation

*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/ExTR16.0012/00](#)

Quality Assessment Report:

[CN/CQM/QAR10.0005/02](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

General product information

YDL12-Ex life jacket light is a kind of lifesaving outfit equipped on the lifejacket. It is prepared for persons who fall into the sea at night to give out light signal to the lifesaver so as to be rescued. It is powered by a Energizer CR2 Lithium 3.0V cell and its light source is a LED. The enclosure of life jacket light is made of plastic ABS(yellow) and lampshade is made of polycarbonate. The cell and two PCBs are encapsulated completely in the enclosure except water sensor and LED. There is no associated apparatus.

Rating

Rated voltage: $U = 3.0V$
Maximum current: $I = 200mA$

CONDITIONS OF CERTIFICATION: NO