



Certificate of Compliance

Certificate: 70039912

Master Contract: 261379

Project: 70039912

Date Issued: 2015-07-27


Issued to: Daysun Technology Limited
No. 1, Alley 2, Lane 110, Sec. 4
Hsi-men Road
North District
Tainan City
704 TAIWAN

Attention: Mr Kenji Wang

The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only



Issued by:


David Holton

PRODUCTS

CLASS 3458 01: PORTABLE LUMINAIRES For Hazardous Locations

CLASS 3458 81: PORTABLE LUMINAIRES For Hazardous Locations - Certified to US Standards

Class I, Divisions 1 and 2, Groups A, B, C, D

Class II, Divisions 1 and 2, Groups E, F and G

Class III

SF-14 flashlight, portable, hand-held, intrinsically safe; battery-powered (four AA size alkaline cells, Energizer type E91 or Duracell type MN1500 or Rayovac type AL-AA (815) or Varta type 4906); IP54; Temperature Code T4; $-20^{\circ}\text{C} \geq T_{\text{amb}} \geq +40^{\circ}\text{C}$.



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Conditions of applicability

- i. No precautions against electrostatic discharge are necessary for portable equipment that has an enclosure made of plastic, metal or a combination of the two, except where a significant static-generating mechanism has been identified. Activities such as placing the item in a pocket or on a belt, operating a keypad or cleaning with a damp cloth, do not present a significant electrostatic risk. However, where a static-generating mechanism is identified, such as repeated brushing against clothing, then suitable precautions shall be taken, e.g. the use of anti-static footwear.
- ii. Only the following batteries may be used in the model SF-14 Flashlight:-
 - a) Energizer type E91 alkaline.
 - b) Duracell type MN1500 alkaline
 - c) Rayovac type AL-AA (815) alkaline
 - d) Varta type 4906 alkaline

For details related to rating, size, configuration, etc. reference should be made to the CSA Certification Record or the descriptive report.

APPLICABLE REQUIREMENTS

CAN/CSA-C22.2 No. 157-92 (R2006)	Intrinsically Safe and Non-Incendive Equipment for Use in Hazardous Locations
CAN/CSA C22.2 No. 61010-1-12	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements - Third Edition
UL 913 (5 th Ed.)	Intrinsically Safe Apparatus and Associated Apparatus for Use in Class I, II and III, Division 1, Hazardous Locations
ANSI/ISA-61010-1 3 rd Edition	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements - Third Edition

The equipment additionally complies with the following standards for gas certification only:

CAN/CSA-C22.2 No. 60079-0:11 Ed. 5	Explosive Atmospheres - Part 0: Equipment - General requirements
CAN/CSA-C22.2 No. 60079-11:14 Ed. 6	Explosive Atmospheres – Part 11: Equipment protection by intrinsic safety "i"
ANSI/UL 60079-0:2013, 6 th Ed.	Electrical Apparatus for Explosive Gas Atmospheres - Part 0: General Requirements
ANSI/UL 60079-11:2013, 6 th Ed.	Electrical apparatus for Explosive Gas Atmospheres - Part 11: Intrinsic Safety "i"

TEST REPORT

Applicant : GUANGZHOU (CITY) DASHIN PHOTONICS & JEWELRY CO., LTD.
Address : No.7, Road 2, San Dong Industry Zone San Dong Village, Xin Hua Town, HuaDu District, Guangzhou, 510800

Report on the submitted sample said to be:

Sample name : FLASHLIGHT
Manufacture : GUANGZHOU (CITY) DASHIN PHOTONICS & JEWELRY CO., LTD.
Address : No.7, Road 2, San Dong Industry Zone San Dong Village, Xin Hua Town, HuaDu District, Guangzhou, 510800
Model : SF-14
Material : /
Trade Name : /
Buyer : /
Sample received date : Nov. 20, 2015
Testing period : Nov. 20, 2015-Nov. 25, 2015

Testing Requested:	Results
One hundred and sixty three (163) substances in the Candidate List of Substances of Very High Concern (SVHC) for authorization published by European Chemicals Agency (ECHA) on and before June 15, 2015 regarding Regulation (EC) No 1907/2006 concerning the REACH(in the components of submitted sample as the requirement of client)	Pass

Prepared by:

Calvin Chen

Calin Chen

Examine By :

Tony Mo

Tony Mo

Approved(Manager):

Michael Mo

Machael Mo



1 **EC TYPE-EXAMINATION CERTIFICATE**

2 Equipment intended for use in Potentially Explosive Atmospheres Directive 94/9/EC

3 Certificate Number: **Sira 15ATEX2166X** Issue: **0**

4 Equipment: **Flashlight, Model SF-14**

5 Applicant: **Day Sun Technology Ltd.**

6 Address: No. 1, Alley 2
Lane 110
Sec. 4, Hsi-men Rd.
North District, Tainan City 704
Taiwan

7 This equipment and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

8 Sira Certification Service, notified body number 0518 in accordance with Article 9 of Directive 94/9/EC of 23 March 1994, certifies that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in the confidential reports listed in Section 14.2.

9 Compliance with the Essential Health and Safety Requirements, with the exception of those listed in the schedule to this certificate, has been assured by compliance with the following documents:

EN 60079-0:2012/A11:2013

EN 60079-11:2012

EN 60079-26:2015

The above list of documents may detail standards that do not appear on the UKAS Scope of Accreditation, but have been added through Sira's flexible scope of accreditation, which is available on request.

10 If the sign 'X' is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified in the schedule to this certificate.

11 This EC type-examination certificate relates only to the design and construction of the specified equipment. If applicable, further requirements of this Directive apply to the manufacture and supply of this equipment.

12 The marking of the equipment shall include the following:



I M1
Ex ia I Ma



II 1G
Ex ia IIC T4 Ga

Project Number 70021336

A C Smith
Certification Manager

This certificate and its schedules may only be reproduced in its entirety and without change.

Sira Certification Service

Unit 6, Hawarden Industrial Park,
Hawarden, CH5 3US, United Kingdom



SCHEDULE

EC TYPE-EXAMINATION CERTIFICATE

Sira 15ATEX2166X
Issue 0

13 DESCRIPTION OF EQUIPMENT

The SF-14 is a portable, hand-held intrinsically safe flashlight for use in hazardous locations and powered by four AA size alkaline batteries. It has high and low mode operating functions that allows users to operate with high brightness or long duration lighting. Externally the device comprises: a body assembly, a tail assembly, a cap assembly and a heatsink. Internally, the device comprises three PCBs (BAT PCB, CON PCB and LED PCB), reflector and heatsink. The assembly meets the ingress protection requirements for IP54.

14 DESCRIPTIVE DOCUMENTS

14.1 Drawings

Refer to Certificate Annexe.

14.2 Associated Sira Reports and Certificate History

Issue	Date	Report number	Comment
0	29 June 2015	R70021336A	The release of the prime certificate.

15 SPECIAL CONDITIONS FOR SAFE USE (denoted by X after the certificate number)

15.1 No precautions against electrostatic discharge are necessary for portable equipment that has an enclosure made of plastic, metal or a combination of the two, except where a significant static-generating mechanism has been identified. Activities such as placing the item in a pocket or on a belt, operating a keypad or cleaning with a damp cloth, do not present a significant electrostatic risk. However, where a static-generating mechanism is identified, such as repeated brushing against clothing, then suitable precautions shall be taken, e.g. the use of anti-static footwear

15.2 Only the following batteries may be used in the model SF-14 Flashlight:

- Energizer type E91 alkaline.
- Duracell type MN1500 alkaline
- Rayovac type AL-AA (815) alkaline
- Varta type 4906 alkaline

16 ESSENTIAL HEALTH AND SAFETY REQUIREMENTS OF ANNEX II (EHSRs)

The relevant EHSRs that are not addressed by the standards listed in this certificate have been identified and individually assessed in the reports listed in Section 14.2.

17 CONDITIONS OF CERTIFICATION

17.1 The use of this certificate is subject to the Regulations Applicable to Holders of Sira Certificates.

17.2 Holders of EC type-examination certificates are required to comply with the production control requirements defined in Article 8 of directive 94/9/EC.

This certificate and its schedules may only be reproduced in its entirety and without change.



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.: issue No.:

Status:

Date of Issue: Page 1 of 3

Applicant: **Daysun Technology Ltd**
No. 1, Alley 2
Lane 110
Sec. 4, Hsi-men Rd.
North District, Tainan City 704
Taiwan

Electrical Apparatus: **Flashlight, Model SF-14**
Optional accessory:


Type of Protection: **Intrinsically Safe**

Marking:

Approved for issue on behalf of the IECEx Certification Body:

Position:

Signature:
(for printed version)



2015-06-30

Date:

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:

SIRA Certification Service
CSA Group
Unit 6, Hawarden Industrial Park
Hawarden
Deeside
CH5 3US
United Kingdom

sira
CERTIFICATION





IECEX Certificate of Conformity

Certificate No.: IECEx SIR 15.0062X

Date of Issue: 2015-06-30

Issue No.: 0

Page 2 of 3

Manufacturer: **Daysun Technology Ltd**
No. 22, Lane 126,
Sec. 4 Hsi-men Rd.
North District, Tainan City, 704
Taiwan

Additional Manufacturing location
(s):

**Guangzhou Dashin
Optoelectronics &
Jewelry Co., Ltd.**
No.7, 2 Road, Sandong
Industrial Park, Sandong
Village, Xinhua Town
Huadu District, Guangzhou
City, Guangdong Province
China

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 60079-26 : 2014-10 Edition: 3.0	Explosive atmospheres – Part 26: Equipment with Equipment Protection Level (EPL) Ga

*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:

GB/SIR/ExTR15.0181/00

Quality Assessment Report:

GB/SIR/QAR15.0007/00



IECEx Certificate of Conformity

Certificate No.: IECEx SIR 15.0062X

Date of Issue: 2015-06-30

Issue No.: 0

Page 3 of 3

Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The SF-14 is a portable, hand-held intrinsically safe flashlight for use in hazardous locations and powered by four AA size alkaline batteries. It has high and low mode operating functions that allows users to operate with high brightness or long duration lighting. Externally the device comprises: a body assembly, a tail assembly, a cap assembly and a heatsink. Internally, the device comprises three PCBs (BAT PCB, CON PCB and LED PCB), reflector and heatsink. The assembly meets the ingress protection requirements for IP54.

CONDITIONS OF CERTIFICATION: YES as shown below:

1. No precautions against electrostatic discharge are necessary for portable equipment that has an enclosure made of plastic, metal or a combination of the two, except where a significant static-generating mechanism has been identified. Activities such as placing the item in a pocket or on a belt, operating a keypad or cleaning with a damp cloth, do not present a significant electrostatic risk. However, where a static-generating mechanism is identified, such as repeated brushing against clothing, then suitable precautions shall be taken, e.g. the use of anti-static footwear.
2. Only the following batteries may be used in the model SF-14 Flashlight:-
Energizer type E91 alkaline
Rayovac type AL-AA (815) alkaline
Duracell type MN1500 alkaline
Varta type 4906 alkaline

ROHS TEST REPORT

For

GUANGZHOU(CITY))DASHIN PHOTONICS&JEWELRY CO., LTD

Product Name: FLASHLIGHT

Model No.: Reference page 3

Prepared for : GUANGZHOU(CITY))DASHIN PHOTONICS&JEWELRY CO.,
LTD

Address : No.7, Road 2, San Dong IndustryZone San Dong Village, Xin Hua
Town, HuaDu District Guangzhou 510800

Prepared by : SHENZHEN POCE TECHNOLOGY CO., LTD.

Address : H Building, Hongfa Science And Technology Park, Tangtou,
Shiyan, Bao'an District, Shenzhen, China

Date of receipt of test sample : Nov. 18, 2015

Number of tested samples : 1

Serial number : Prototype

Date of Test : Nov. 18, 2015 – Nov. 24, 2015

Date of Report : Nov. 24, 2015

Note: This test report is limited to the above client company and the product model only. It may not be duplicated without prior written consent of Shenzhen POCE Technology Co., Ltd.

ROHS TEST REPORT

Report Reference No. : POCE15112022FRR

Date of Issue..... : Nov. 24, 2015

Testing Laboratory Name..... : SHENZHEN POCE TECHNOLOGY CO., LTD.

Address..... : H Building, Hongfa Science And Technology Park, Tangtou, Shiyao, Bao'an District, Shenzhen, China

Testing Location/ Procedure ... : Full application of Harmonised standards
Partial application of Harmonised standards
Other standard testing method

Applicant's Name..... : GUANGZHOU(CITY))DASHIN PHOTONICS&JEWELRY CO., LTD

Address..... : No.7, Road 2, San Dong IndustryZone San Dong Village, Xin Hua Town, HuaDu District Guangzhou 510800

Test Specification

Standard : /

Test Report Form No. : POCEEMC-1.0

TRF Originator : SHENZHEN POCE TECHNOLOGY CO., LTD.

Master TRF : Dated 2015-06-11

SHENZHEN POCE TECHNOLOGY CO., LTD.

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Test Item Description. : SF-14

Trade Mark..... : N/A

Model/ Type Reference..... : SF-14

Result : Positive



Compiled by:



Hellen Hu/ File administrators

Supervised by:



Alan Cao/ Technique principal

Approved by:



Machael Mo/ Manager



Shenzhen POCE Technology Co., Ltd.

H Building, Hongfa Science and Technology Park,
Tangtou, Shiyan, Bao'an District, Shenzhen, China

CERTIFICATE OF CONFORMITY

Certificate No. : POCE16051813FCE

Applicant : DAY SUN TECHNOLOGY LTD

Address : 1F, NO.1, ALY 2, LANE 110, SEC.4, HSI-MEN RD, TAINAN,
TAIWAN

Manufacturer : GUANGZHOU(CITY)DASHIN PHOTONICS&JEWELRY CO., LTD

Address : No.7, Road 2, San Dong IndustryZone San Dong Village, Xin Hua
Town, HuaDu District Guangzhou 510800

Product : FLASH LIGHT

Trade Name : N/A

Model(s) : SF-14

Test Report No. : POCE16051813FRE

Test Standards : **EN 55015:2013**
EN 61547:2009
EN 61000-3-2:2014
EN 61000-3-3:2013

The EUT described above has been tested by us with the listed standards and found in compliance with the council EMC Directive 2014/30/EU. It is possible to use CE marking to demonstrate the compliance with this EMC Directive.




For Chief Executive **Yuan**
Date: May 19, 2016

This certificate of conformity is based on a single evaluation of the submitted sample(s) of the above mentioned product. It does not imply an assessment of the whole production and other relevant directives have to be observed.

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