



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 BAS 18.0086

Issue No: 0

Certificate history:

Issue No. 0 (2019-07-11)

Status: **Current**

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Date of Issue: **2019-07-11**

Applicant: **Coast Products**
8033 NE Holman St
Portland
OR 97218
United States of America

Equipment: **HZ025 Headlamp and HZ050 Flashlight.**

Optional accessory:

Type of Protection: **Intrinsic Safety & Inherently Safe Optical Radiation.**

Marking:

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Ex ia op is IIC T3 Ga

Approved for issue on behalf of the IECEx
Certification Body:

R S Sinclair

Position:

Technical Manager

Signature:
(for printed version)

Date:

11-7-19

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:

SGS Baseefa Limited
Rockhead Business Park
Staden Lane
Buxton, Derbyshire, SK17 9RZ
United Kingdom





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Manufacturer: **Coast Products**
8033 NE Holman St
Portland
OR 97218
United States of America

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 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 : 2017 Explosive atmospheres - Part 0: Equipment - General requirements
Edition:7.0
IEC 60079-11 : 2011 Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
Edition:6.0
IEC 60079-28 : 2015 Explosive atmospheres - Part 28: Protection of equipment and transmission systems using optical radiation
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:

[GB/BAS/ExTR18.0023/00](#)

[GB/BAS/ExTR18.0153/00](#)

[GB/BAS/ExTR19.0081/00](#)

Quality Assessment Report:

[GB/BAS/QAR18.0010/01](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The Coast flashlight (HZ050) and headlamp (HZ025) are intrinsically safe devices for use in hazardous locations and are both powered by three size AA alkaline cells. The flashlight and headlamp have multiple modes of operation controlled by two independent push-button switches.

The Coast Flashlight (HZ050), has multiple lights sources. There is a side LED and a 2 front facing LEDs. There are two buttons that control which LED's are on. The front facing LEDs have one focused beam and one not focused beam. The second button cycles through the side LED and unfocused LED.

The Head Lamp (HZ025), has 3 LED's on the front with 2 buttons on the top of the fixture. One LED is red while the other two mimic the handheld device.

Both models use three AA cells in series. The accepted cell is Duracell MN1500.

SPECIFIC CONDITIONS OF USE: NO