



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.: **IECEX BAS 13.0040**

Page 1 of 4

Certificate history:

Status: **Current**

Issue No: 7

Issue 6 (2021-11-25)

Issue 5 (2019-07-23)

Issue 4 (2019-03-27)

Issue 3 (2019-01-03)

Issue 2 (2018-07-02)

Issue 1 (2018-05-09)

Issue 0 (2013-09-13)

Date of Issue: 2022-11-24

Applicant: **Koehler Bright Star**
380 Stewart Road
Hanover Twp
PA
18706
United States of America

Equipment: **Worksafe Model 2206 & Worksafe Model 2217**

Optional accessory:

Type of Protection: **Intrinsic Safety**

Marking: **Model 2206**
Ex ib IIB T3 Gb Ex ib IIIB T180°C Db -5°C ≤ Ta ≤ +40°C
Ex ib IIB T3 Gb -5°C ≤ Ta ≤ +40°C (alternate body material)

Model 2217
Ex ia IIB T3 Ga Ex ia IIIB T145°C Da -5°C ≤ Ta ≤ +40°C
Ex ia IIB T3 Ga -5°C ≤ Ta ≤ +40°C (alternate body material)

Approved for issue on behalf of the IECEx
Certification Body:

R Sinclair

Position:

Technical Manager

Signature:
(for printed version)

Date:
(for printed version)

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 www.iecex.com or use of this QR Code.



Certificate issued by:

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

SGS



IECEX Certificate of Conformity

Certificate No.: **IECEX BAS 13.0040**

Page 2 of 4

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Manufacturer: **Koehler Bright Star**
380 Stewart Road
Hanover Twp
PA
18706
United States of America

Manufacturing locations: **Koehler Bright Star**
380 Stewart Road
Hanover Twp
PA
18706
United States of America

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 equipment 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

This Certificate **does not** indicate compliance with 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 Reports:

[GB/BAS/ExTR13.0100/00](#)
[GB/BAS/ExTR18.0302/00](#)
[GB/BAS/ExTR21.0202/00](#)

[GB/BAS/ExTR18.0126/00](#)
[GB/BAS/ExTR19.0072/00](#)
[GB/BAS/ExTR22.0206/00](#)

[GB/BAS/ExTR18.0169/00](#)
[GB/BAS/ExTR19.0200/00](#)

Quality Assessment Report:

[US/FMG/QAR08.0001/13](#)



IECEX Certificate of Conformity

Certificate No.: **IECEX BAS 13.0040**

Page 3 of 4

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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

The Worksafe Model 2217 is a hand-held battery powered torch for use in Zone 0 temperature class T3 group IIB applications and Zone 20 group IIIB applications. It is powered by two LR20 cells and has a single LED.

The Worksafe Model 2206 is a hand-held battery powered lantern for use in Zone 1 temperature class T3 group IIB applications and Zone 21 group IIIB applications. It is powered by four LR20 cells and has a single LED.

Both models have a main body manufactured from black dissipative polyethylene, and have end caps manufactured from a visually contrasting orange polypropylene.

The permitted battery types are Duracell MN1300 or Energizer E95. Batteries from different manufacturers should not be mixed. Batteries should only be changed in a non-hazardous area.

SPECIFIC CONDITIONS OF USE: NO



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Certificate No.: **IECEX BAS 13.0040**

Page 4 of 4

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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above) Variation 7.1

This issue of the certificate permits an alternate body material.

ExTR: **GB/BAS/ExTR22.0206/00**

File Reference: **22/0423**