



# 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 BAS 13.0040 issue No.: 0 Certificate history: \_\_\_\_\_

Status: **Current**

Date of Issue: 2013-09-13 Page 1 of 3

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

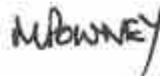
Electrical Apparatus: **Worksafe Model 2206 & Worksafe Model 2217**  
Optional accessory:

Type of Protection: **Intrinsic Safety**

Marking: **Model 2206**  
Ex ib IIB T3 Gb  
Ex ib IIB T180°C Db  
-5°C ≤ +40°C


**Model 2217**  
Ex ia IIB T3 Ga  
Ex ia IIB T145°C Da  
-5°C ≤ +40°C

Approved for issue on behalf of the IECEx  
Certification Body:

PPR Sinclair 

Position: General Manager

Signature:  
(for printed version)

  
\_\_\_\_\_  
16/9/13  
\_\_\_\_\_

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:

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

**SGS**





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Manufacturer: **Koehler Bright Star**  
380 Stewart Road  
Hanover Twp  
PA  
18706  
**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 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** Explosive atmospheres - Part 0: General requirements  
Edition: 6.0

**IEC 60079-11 : 2011** Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "I"  
Edition: 6.0

*This Certificate does not indicate compliance with 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/ExTR13.0100/00](#)

Quality Assessment Report:  
[US/FMG/QAR08.0001/06](#)



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## Schedule

### 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.

### CONDITIONS OF CERTIFICATION: NO