

1 **EU - TYPE EXAMINATION CERTIFICATE**

2 **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres
Directive 2014/34/EU**

3 EU - Type Examination Certificate **Baseefa13ATEX0059 – Issue 7**
Number:

3.1 In accordance with Article 41 of Directive 2014/34/EU, EC-Type Examination Certificates referring to 94/9/EC that were in existence prior to the date of application of 2014/34/EU (20 April 2016) may be referenced as if they were issued in accordance with Directive 2014/34/EU. Supplementary Certificates to such EC-Type Examination Certificates, and new issues of such certificates, may continue to bear the original certificate number issued prior to 20 April 2016.

4 Product: **Worksafe Model 2206 and Worksafe Model 2217**

5 Manufacturer: **Koehler Bright Star**

6 Address: **380 Stewart Road, Hanover Twp, PA, 18706, United States of America**

7 This re-issued certificate extends EC Type Examination Certificate No. Baseefa13ATEX0059 to apply to product designed and constructed in accordance with the specification set out in the Schedule of the said certificate but having any variations specified in the Schedule attached to this certificate and the documents therein referred to.

8 SGS Fimko Oy, Notified Body number 0598, in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to the Directive.

8.1 The original certificate was issued by SGS Baseefa Ltd (UK Notified Body 1180). It, and any supplements previously issued by SGS Baseefa Ltd have been transferred to the supervision of SGS Fimko Oy (EU Notified Body 0598). The original certificate number is retained.

The examination and test results are recorded in confidential Report No. **See Certificate History**

9 Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN IEC 60079-0: 2018 EN 60079-11: 2012

except in respect of those requirements listed at item 18 of the Schedule.

10 If the sign “X” is placed after the certificate number, it indicates that the product is subject to the Specific Conditions of Use specified in the schedule to this certificate.

11 This EU - TYPE EXAMINATION CERTIFICATE relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.

12 The marking of the product shall include the following:

See Schedule

SGS Fimko Oy Customer Reference No. **7128**

Project File No. **22/0423**

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Mikko Välimäki
Authorised Signatory for SGS Fimko Oy

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Schedule

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15 Description of Product

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.

Model 2206

⊗ II 2GD Ex ib IIB T3 Gb Ex ib IIIB T180°C Db $-5^{\circ}\text{C} \leq \text{Ta} \leq +40^{\circ}\text{C}$

⊗ II 2G Ex ib IIB T3 Gb $-5^{\circ}\text{C} \leq \text{Ta} \leq +40^{\circ}\text{C}$ (alternate body material)

Model 2217

⊗ II 1GD Ex ia IIB T3 Ga Ex ia IIIB T145°C Da $-5^{\circ}\text{C} \leq \text{Ta} \leq +40^{\circ}\text{C}$

⊗ II 1G Ex ia IIB T3 Ga $-5^{\circ}\text{C} \leq \text{Ta} \leq +40^{\circ}\text{C}$ (alternate body material)

16 Report Number

See Certificate History

17 Specific Conditions of Use

None

18 Essential Health and Safety Requirements

In addition to the Essential Health and Safety Requirements (EHSRs) covered by the standards listed at item 9, the following are considered relevant to this product, and conformity is demonstrated in the report:

Clause	Subject	Compliance
1.4.1	External effects	User/Installer responsibility
1.4.2	Aggressive substances, etc.	User/Installer responsibility

19 Drawings and Documents

New drawings submitted for this issue of certificate:

Number	Sheet	Issue	Date	Description
8B-1794-ATEX	1 & 2	C	8/10/22	LANTERN BOX 2206
8B-1786-ATEX	1 & 2	C	8/10/22	2217 TUBE ATEX WORKSAFE LED

Current drawings which remain unaffected by this issue:

Number	Sheet	Issue	Date	Description
3B-1711-ATEX	1 to 5	-	9/27/2012	2206, Resistor Board
8B-1787-ATEX	1	B	5/18/21	BOTTOM CAP ATEX WORKSAFE LED
8B-1788-ATEX	1	A	5/18/21	UNIVERSAL SAFETY LENS ATEX WORKSAFE LED

Number	Sheet	Issue	Date	Description
8B-1795-ATEX	1	A	5/18/21	LENS RING 2206 LANTERN
8F-3230-ATEX	1 & 2 of 4	D	9/26/2012	Platform
8F-3232-ATEX	1	D	9/25/2012	2206 Lens
9B-1692-ATEX	1 to 4	-	4/10/13	2206 LED PCB
9F-3120-ATEX	1	A	2/22/19	2206 Lantern Lens Ring Gasket
9F-3239-ATEX	1	A	9/25/2012	J-961 Rubber Boot
10B-1780-ATEX	1	D	4/9/21	2217 WORKSAFE LED ATEX 2 CELL
10B-1784-ATEX	1	-	4/11/13	2206 Lantern, LED Assy
3F-1830-ATEX	1	B	2/22/19	F841 Gasket Worksafe LED
3B-1836-ATEX	1 to 5	A	05/10/18	PCB Assy 2217 Worksafe
3B-1839-ATEX	1	A	9/27/2013	Reflector Assembly For 2217 ATEX Worksafe
8F-3160-ATEX	1	D	9/27/2012	Lens Worksafe LED
9F-3178-ATEX	1	B	2/22/19	Top Head Gasket Worksafe
9K-3154-ATEX	1	A	2/22/19	Lens Ring Gasket Worksafe LED

These drawings are common to Baseefa13ATEX0059 and held with IECEx BAS 13.0040.

20 Certificate History

Certificate No.	Date	Comments
Baseefa13ATEX0059	13 September 2013	The release of the prime certificate. The associated test and assessment against the requirements of EN 60079-0:2012 & EN 60079-11:2012 is documented in Test Report No. GB/BAS/ExTR13.0100/00 for project 13/0250.
Baseefa13ATEX0059 Issue 1	9 May 2018	This issue of the certificate permits the addition of an alternative case material and incorporates previously issued primary & supplementary certificates into one certificate. The associated test and assessment against the requirements of EN 60079-0:2012 +A11:2013 & EN 60079-11:2012 is documented in Test Report No. GB/BAS/ExTR18.0126/00 for project 17/0558.
Baseefa13ATEX0059 Issue 2	2 July 2018	This issue of the certificate permits the addition of an alternative fuse. The associated test and assessment is documented in report GB/BAS/ExTR18.0169/00 for project 18/0295.
Baseefa13ATEX0059 Issue 3	3 January 2019	This issue of the certificate permits minor constructional changes to the Worksafe Model 2217 hand-held battery powered torch not affecting the type of protection. The associated test and assessment is documented in report GB/BAS/ExTR18.0302/00 for project 18/0707.
Baseefa13ATEX0059 Issue 4	27 March 2019	This issue of the certificate permits changes to the specification of various gasket materials. The associated test and assessment is documented in report GB/BAS/ExTR19.0072/00 for project 19/0111.
Baseefa13ATEX0059 Issue 5	23 July 2019	This issue of the certificate permits changes to the 2217 endcap graphics. The associated test and assessment is documented in report GB/BAS/ExTR19.0200/00 for project 19/00287.

Certificate No.	Date	Comments
Baseefa13ATEX0059 Issue 6	24 November 2021	This issue of the certificate confirms the current design meets the requirements of EN IEC 60079-0:2018 and additionally an alternate body material is permitted and the dust protection code is removed for that version. The associated test and assessment is documented in report GB/BAS/ExTR21.0202/00 for project 21/0256.
Baseefa13ATEX0059 Issue 7	23 November 2022	This issue of the certificate permits an alternate body material which excludes the dust protection code. The associated test and assessment is documented in report GB/BAS/ExTR22.0206/00 for project 22/0423.
For drawings applicable to each issue, see original of that issue.		