

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 **Baseefa14ATEX0203 – Issue 1**
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: **Markerlite ML-15x**

5 Manufacturer: **Wolf Safety Lamp Company Limited**

6 Address: **Sheffield, S8 0YA**

7 This re-issued certificate extends EC Type Examination Certificate No. Baseefa14ATEX0203 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 Baseefa, Notified Body number 1180, 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.

The examination and test results are recorded in confidential Report No. **GB/BAS/ExTR16.0267/00**

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

EN 60079-0:2012+A11:2013 EN 60079-11:2012 EN60079-28:2015

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 :

⊕ II 2 GD Ex ib op is IIC T4 Gb Ex ib op is IIIB T200°C Db (-40°C ≤ Ta ≤ +55°C)

SGS Baseefa Customer Reference No. **1112**

Project File No. **16/0688**

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SGS Baseefa Limited

Rockhead Business Park, Staden Lane,
Buxton, Derbyshire SK17 9RZ

Telephone +44 (0) 1298 766600 Fax +44 (0) 1298 766601

e-mail baseefa@sgs.com web site www.sgs.co.uk/baseefa

Registered in England No. 4305578.

Registered address: Rossmore Business Park, Ellesmere Port, Cheshire, CH65 3EN



R S SINCLAIR *for* ALAN OGDEN

TECHNICAL MANAGER

On behalf of SGS Baseefa Limited

13 **Schedule**

14 **Certificate Number Baseefa14ATEX0203X – Issue 1**

15 **Description of Product**

The Markerlite ML-15x (where x denotes different models) is a self-contained, high visibility flashing and static indicator.

A polycarbonate and TPE enclosure houses two CR2032 standard primary cells, which power a circuit with wide-angle high output LED.

The Markerlite is marked:-

Ex ib op is IIC T4 T_{amb} = -40°C to +55°C
Ex ib op is IIIB T200°C Db T_{amb} = -40°C to +55°C

Any make of Lithium Manganese Dioxide CR2032 cells may be used, but only cells of the same make and type may be present at any one time.

16 **Report Number**

GB/BAS/ExTR16.0267/00

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
1.4.1	External effects
1.4.2	Aggressive substances, etc.

19 **Drawings and Documents**

New drawings submitted for this issue of certificate:

Number	Sheet	Issue	Date	Description
ML-715	1 of 3	2	08/11/16	ML-15 Markerlite – Parts List
ML-715	2 of 3	2	08/11/16	ML-15 Markerlite – GA
ML-715	3 of 3	2	08/11/16	ML-15 Markerlite – GA
ML-915	1 of 1	2	21/10/16	Markerlite – Circuit Details

Current drawings which remain unaffected by this issue:

None

20 Certificate History

Certificate No.	Date	Comments
Baseefa14ATEX0203	16 February 2015	The release of the prime certificate. The associated test and assessment against the requirements of EN 60079-0: 2011 and EN60079-11: 2011 is documented in Test Report No. GB/BAS/ExTR14.0164/00.
Baseefa14ATEX0203 Issue 1	2 December 2016	New issue certificate updating the ATEX directive, updating standard EN60079-0:2012+A11:2013, adding EN60079-28:2015, and permitting minor mechanical changes to be made. Report GB/BAS/ExTR16.0267/00, Project Number: 16/0688
For drawings applicable to each issue, see original of that issue.		