

1 **UK-TYPE EXAMINATION CERTIFICATE**

2 **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres
UKSI 2016:1107 (as amended) – Schedule 3A, Part 1**

3 UK-Type Examination Certificate Number: **BAS22UKEX0061**

4 Product: **EXC6R, EXC7R, EXH6R**

5 Manufacturer: **Ledlenser GmbH & Co. KG**

6 Address: **Kronenstraße 5-7, D-42699, Solingen, Germany**

7 This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

8 SGS Baseefa, Approved Body number 1180, in accordance with Regulation 43 of the Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres Regulations 2016, UKSI 2016:1107 (as amended), 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 Schedule 1 of the Regulations.

The examination and test results are recorded in confidential Report No. **GB/BAS/ExTR19.0071/00**

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 UK-TYPE EXAMINATION CERTIFICATE relates only to the design and construction of the specified product. Further requirements of the Regulations 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 Baseefa Customer Reference No. **7674**

Project File No. **19/0262**

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R S SINCLAIR
TECHNICAL MANAGER
On behalf of SGS Baseefa Limited

13 **Schedule**

14 **Certificate Number BAS22UKEX0061**

15 **Description of Product**

The EXC6R and EXC7R are portable right-angle flashlights. The EXH6R is a portable headlamp. All are powered by a custom lithium ion based battery pack. They are suitable for use in Group IIC and IIIC areas and have Equipment Protection Levels of Ga and Db.

The EXH6R is also suitable for use in Group I areas and has Equipment Protection Level Ma.

The lamps have a charging socket rated $U_m = 6.75V$ for use only in safe areas.

The EXC6R and EXC7R models are marked:

⊕ II 1G Ex ia IIC T4 Ga

⊕ II 2D Ex ib IIIC T135°C Db

The EXH6R is marked:

⊕ I M1 Ex ia I Ma

⊕ II 1G Ex ia IIC T4 Ga

⊕ II 2D Ex ib IIIC T135°C Db

The equipment is considered out of scope of EN 60079-28:2015.

16 **Report Number**

GB/BAS/ExTR19.0071/00

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
22(1)	External effects
22(2)	Aggressive substances, etc.

19 **Drawings and Documents**

Number	Sheet	Issue	Date	Description
SC-EXC6R-LA-02	1	V1	2022-12-05	EXC6R UKEx laser drawing
SC-EXC7R-LA-02	1	V1	2022-12-05	EXC7R UKEx laser drawing
SC-EXH6R-LA-02	1	V2	2022-12-06	EXH6R UKEx laser drawing

These label drawings are not associated with other certificates.

For all other drawings see SGS22ATEX0039.