

Translation

EU-Type Examination Certificate Supplement 2

Change to Directive 2014/34/EU

Equipment intended for use in potentially explosive atmospheres
Directive 2014/34/EU

EU-Type Examination Certificate Number: **BVS 08 ATEX E 158**

Product: **Torch light type Stabex mini LED**

Manufacturer: **Cooper Crouse-Hinds GmbH**

Address: **Neuer Weg-Nord 49, 69412 Eberbach, Germany**

This supplementary certificate extends EC-Type Examination Certificate No. BVS 08 ATEX E 158 to apply to products designed and constructed in accordance with the specification set out in the appendix of the said certificate but having any acceptable variations specified in the appendix to this certificate and the documents referred to therein.

DEKRA EXAM GmbH, Notified Body number 0158, 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 the confidential Report No. PP 09.2008 EU.


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

EN 60079-0:2012 + A11:2013	General requirements
EN 60079-11:2012	Intrinsic Safety "i"
EN 60079-31:2014	Protection by Enclosure "t"

If the sign "X" is placed after the certificate number, it indicates that the product is subject to the Special Conditions for Use specified in the appendix to this certificate.

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.

The marking of the product shall include the following:

 **II 2G Ex ib IIC T4 Gb**
II 2D Ex tb IIIC T85°C Db

DEKRA EXAM GmbH
Bochum, 2017-04-18

Signed: Jörg Koch

Certifier

Signed: Dr. Franz Eickhoff

Approver

13 **Appendix**

14 **EU-Type Examination Certificate**

**BVS 08 ATEX E 158
Supplement 2**

15 **Product description**

15.1 **Subject and type**

Torch light type Stabex mini LED

15.2 **Description**

With this supplement the certificate is changed to Directive 2014/34/EU.
(Annotation: 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.)

Reason for the supplement:

Change to Directive 2014/34/EU

The torch light type Stabex mini LED was tested in accordance to the standards listed on page 1.

The marking plate has changed.

Four new battery types for use are defined, the manufacturer instructions were modified.

Description of Product:

The torch light type Stabex mini LED is a portable equipment with mounted power supply batteries. The torch light serves as electrical lighting for the application in hazardous areas with explosive gas or dust atmospheres complying with Category 2G and 2D.

The torch light is supplied from three alkaline-batteries (mignon-cells AA) which shall be changed only outside of the hazardous area with explosive atmospheres. The torch light shall not be opened in hazardous areas with explosive atmospheres.

15.3 **Parameters**

Power supply: 3 alkaline-batteries (mignon-AA), nominal voltage 4.5 V

The applicable type of alkaline-batteries is specified in the operation manual by Cooper Crouse-Hinds GmbH.

Ambient temperature range: $-20\text{ °C} \leq T_a \leq +40\text{ °C}$

16 **Report Number**

BVS PP 09.2008 EU, as of 2017-04-18

17 **Special Conditions for Use**

None

18 **Essential Health and Safety Requirements**

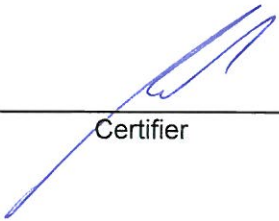
The Essential Health and Safety Requirements are covered by the standards listed under item 9.

19 **Drawings and Documents**

Drawings and documents are listed in the confidential report.

We confirm the correctness of the translation from the German original.
In the case of arbitration only the German wording shall be valid and binding.

DEKRA EXAM GmbH
Bochum, dated 2017-04-18
BVS-Rip/Mu A 20160055



Certifier



Approver

