



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.: **IECEX BVS 14.0072** Page 1 of 5 [Certificate history:](#)
Issue 0 (2014-07-09)

Status: **Current** Issue No: 1

Date of Issue: 2025-07-07

Applicant: **Cooper Crouse-Hinds GmbH**
Neuer Weg-Nord 49
69412 Eberbach
Germany

Equipment: **Hand light type Stabex HF, type Stabex HF-L and type Stabex HF LED**

Optional accessory:

Type of Protection: **Equipment protection by intrinsic safety "i", Equipment dust ignition protection by enclosure "t", Equipment protection by increased safety "e"**

Marking: Ex e ib IIC T4 Gb for type Stabex HF
Ex tb IIIC T57°C Db
Ex e ib IIC T3 Gb for type Stabex HF-L
Ex tb IIIC T57°C Db
Ex ia IIC T4 Ga for type Stabex HF LED
Ex tb IIIC T80°C Db

Approved for issue on behalf of the IECEx
Certification Body:

Deniz Pezzutto

Position:

Certification Manager

Signature:
(for printed version)

Date:
(for printed version)

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 www.iecex.com or use of this QR Code.



Certificate issued by:

DEKRA Testing and Certification GmbH
Certification Body
Dinnendahlstrasse 9
44809 Bochum
Germany





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Manufacturer: **Cooper Crouse-Hinds GmbH**
Neuer Weg-Nord 49
69412 Eberbach
Germany

Manufacturing
locations: **Cooper Crouse-Hinds GmbH**
Neuer Weg-Nord 49
69412 Eberbach
Germany

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 equipment 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

[IEC 60079-31:2008](#) Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure 't'
Edition:1

[IEC 60079-7:2006](#) Explosive atmospheres - Part 7: Equipment protection by increased safety "e"
Edition:4

This Certificate **does not** indicate compliance with 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:

[DE/BVS/ExTR14.0073/00](#)

Quality Assessment Report:

[DE/BVS/QAR11.0009/14](#)



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

General product information:

The hand light type Stabex HF resp. type Stabex HF-L resp. type Stabex HF LED is a battery supplied portable device. It serves as electrical lighting for the application in hazardous areas with explosive gas or dust atmospheres, EPL:

Gb and Db for type Stabex HF resp. type Stabex HF-L

Ga and Db for type Stabex HF LED

The hand light type Stabex HF resp. type Stabex HF LED is supplied by two Alkaline-batteries (Mono) which have to be changed only outside hazardous areas.

The hand light type Stabex HF-L is supplied by two NiCd-batteries which have to be charged only outside hazardous areas (see manufacturer instructions).

The hand lights shall not be opened in hazardous areas.

SPECIFIC CONDITIONS OF USE: NO



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Equipment (continued):

Ratings:

Hand light type **Stabex HF** and type **Stabex HF LED**

1 Power supply: Two Alkaline batteries (Mono), nominal voltage 3 V

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

Hand light type **Stabex HF-L**

2

Power supply: Two NiCd batteries (Mono), nominal voltage 2.4 V

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



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)

Deletion of SC Cooper Industries, Romania location.