



(1) EC-TYPE-EXAMINATION CERTIFICATE (Translation)

(2) Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres - **Directive 94/9/EC**

(3) EC-type-examination Certificate Number:

PTB 04 ATEX 2119



(4) Equipment: Linear luminaire, type Stabex-MINI

(5) Manufacturer: Cooper Crouse-Hinds GmbH

(6) Address: Neuer Weg Nord 49, 69412 Eberbach/Neckar, Germany

(7) This equipment and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.

(8) The Physikalisch-Technische Bundesanstalt, notified body No. 0102 in accordance with Article 9 of the Council Directive 94/9/EC of 23 March 1994, certifies that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems 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 PTB Ex 05-24011.

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

EN 50014:1997 + A1 + A2

EN 50019:2000

EN 50020:2002

EN 50281-1-1:1998

(10) If the sign "X" is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified in the schedule to this certificate.

(11) This EC-type-examination Certificate relates only to the design, examination and tests of the specified equipment in accordance to the Directive 94/9/EC. Further requirements of the Directive apply to the manufacturing process and supply of this equipment. These are not covered by this certificate.

(12) The marking of the equipment shall include the following:



II 2 G EEx e ib IIC T4 II 2 D T 56 °C IP 66

Zertifizierungsstelle Explosionsschutz

By order:

Dr.-Ing. U. Johannsmeyer
Regierungsdirektor



Braunschweig, January 25, 2005

SCHEDULE

(13)

(14) **EC-TYPE-EXAMINATION CERTIFICATE PTB 04 ATEX 2119**

(15) Description of equipment

The linear luminaire, type Stabex-MINI serves as portable electrical lighting for the application in hazardous areas with explosive gas or dust atmospheres.

The linear luminaire, type Stabex-MINI is switched on / off and focussed by turning the luminaire's head. Focussing can be varied continuously between the rotary stop positions. These stop positions shall be considered when turning the luminaire's head.

The luminaire is equipped with a filament lamp 2.3 V / 360 mA (material-No. 1136001001). The luminaire is supplied from two batteries, mignon-cells, type R6 or LR6, each providing a voltage of 1.5 V.

(16) Test report PTB Ex 05-24011

(17) Special conditions for safe use


none

(18) Essential health and safety requirements

met by compliance with the standards mentioned above

Zertifizierungsstelle Explosionsschutz

By order:


Dr.-Ing. U. Johannsmeyer
Regierungsdirektor



Braunschweig, January 25, 2005

First supplement
according to directive 94/9/EC appendix III code 6

to the EC prototype test certificate PTB 04 ATEX 2119

Apparatus: Stick lamp type Stabex-MINI
Marking: II 2 G EEx ib e IIC T4 II 2 D T56°C IP66
Manufacturer: Cooper Crouse-Hinds GmbH
Address: Neuer Weg Nord 49, 69412 Eberbach / Neckar

Description of the supplements and changes

The lamp can be also manufactured under use of other materials and with changed constructive details.

Applied standards

EN 50014: 1997 + A1 + A2

EN 50019: 2000

Test report: PTB Ex 05-25117

Certification center explosion protection
By order of

Braunschweig, June 27th.2005

Dr. Engineer U. Johannsmeyer
Director and professor

2. SUPPLEMENT

according to Directive 94/9/EC Annex III.6

to EC-TYPE-EXAMINATION CERTIFICATE PTB 04 ATEX 2119

(Translation)

Equipment: Linear luminaire, type Stabex-MIN)

Marking:  II 2 G Ex eib IIC T4 II 2 D Ex tD A21 IP66 T56°C

Manufacturer: Cooper Crouse-Hinds GmbH

Address: Neuer Weg Nord 49
69412 Eberbach/Neckar, Germany

Description of supplements and modifications

The luminaire has been tested according to the given specification. The marking will be adapted accordingly.

Applied standards

EN 60079-0:2006

EN 60079-7:2007

EN 60079-11:2007

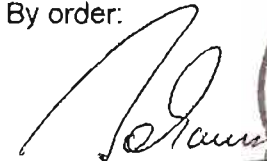
EN 61241-0:2006

EN 61241-1:2004

Test report: PTB Ex 08-27042

Zertifizierungsstelle Explosionsschutz

By order:



Dr.-Ing. U. Johannsmeyer
Direktor und Professor



Braunschweig, July 11, 2008