



EC-Type Examination Certificate

- (1)
(2) **Equipment or Protective Systems Intended for use
in Potentially Explosive Atmospheres
Directive 94/9/EC**

- (3) EC-Type Examination Certificate Number:

FTZÚ 08 ATEX 0094

- (4) Equipment or protective system: **Handheld torch RAZOR**
- (5) Manufacturer: **KOEHLER – BRIGHT STAR, Inc.**
- (6) Address: **380 Stewart Road, Hanover Township, PA 18706, USA**
- (7) This equipment or protective system and any of acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
- (8) The Physical Technical Testing Institute, notified body number 1026 in accordance with Article 9 of the Council Directive 94/9/EC of 23 March 1994, certifies that this equipment or protective system 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 confidential Report N°

08/0094 dated 30 April 2008

- (9) Compliance with Essential Health and safety requirements has been assured by compliance with:

EN 60079-0:2006; EN 60079-11:2007, EN 61241-0:2006

EN 61241-11:2006; EN 60079-26:2006

- (10) If the sign „X” is placed after the certificate number, it indicates that the equipment or protective system 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 testing of the specified equipment or protective system in accordance to the directive 94/9/EC. Further requirements of the Directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate.
- (12) The marking of the equipment or protective system shall include following:

Ex II 1GD Ex ia IIC T4 iaD T135°C

This EC-Type Examination Certificate is valid till: **05. 05. 2013**

Responsible person:

Date of issue: **05. 05. 2008**

Dipl. Ing. Šindler Jaroslav
Head of certification body

Page: 1/3
Number of pages: 3

This certificate is granted subject to the general conditions of the Physical Technical Testing Institute.
This certificate may only be reproduced in its entirety and without any change, schedule included.



**Physical Technical Testing Institute
Ostrava-Radvanice**

(13)

Schedule

(14) **EC-Type Examination Certificate N° FTZÚ 08 ATEX 0094**

(15) Description of Equipment:

The handheld torch RAZOR consists of three battery cells AA (manufacturer Bright Star Powershot or Duracell), limiting resistance, fuse and high-power LED diode.

Degree of protection of the torch is IP 68 for 1 m submersion.

(16) Report No. : 08/0094 (30 pages)

(17) Special conditions for safe use: none

(18) Essential Health and Safety Requirements:

They are included in standards, which are mentioned in clause (9) of this certificate and in manufacturer's instruction for use.

Responsible person:

Date of issue: 05. 05. 2008

Dipl. Ing. Šindler Jaroslav
Head of certification body

Page: 2/3

This certificate is granted subject to the general conditions of the Physical Technical Testing Institute.
This certificate may only be reproduced in its entirety and without any change, schedule included.



Physical Technical Testing Institute
Ostrava-Radvanice

- (13) **Schedule**
(14) **EC-Type Examination Certificate N° FTZÚ 08 ATEX 0094**

(19) **LIST OF DOCUMENTATION**

<i>Documentation:</i>	<i>Date:</i>
1. Instruction for use (1 sheet)	02.05.2008
2. Drawings No.: 3K – 0994	23.01.2008
3K – 0903, Rev C	11.03.2008
3K – 0966	11.02.2008
3K – 0990	23.01.2008
8K – 0892	23.01.2008
8K – 0893	23.01.2008
8K – 0894, Rev A	15.02.2008
8K – 0895	23.01.2008
8K – 0896	23.01.2008
8K – 0899	23.01.2008
8K – 0992, Rev A	22.04.2008
9K – 0909	23.01.2008
9K – 0913	23.01.2008
9K – 0920	27.12.2007
9K – 0925, Rev A	13.12.2007
9K – 0928	23.01.2008
9K – 0993	23.01.2008
3. Drawing of Label 9K-1006	02.05.2008

Responsible person:

Date of issue: 05. 05. 2008

Dipl. Ing. Šindler Jaroslav
Head of certification body

Page: 3/3

This certificate is granted subject to the general conditions of the Physical Technical Testing Institute.
This certificate may only be reproduced in its entirety and without any change, schedule included.