



## 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 0069**

(4) Equipment or protective system: **Mining cap lamp type T1005.01**

(5) Manufacturer: **KV – Svitidla, s.r.o.**

(6) Address: **Mostecká 141, 360 01 Otovice, Czech Republic**

(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°

**08/0069 dated 24.06.2008**

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

**EN 60079-0:2006; EN 60013-1:2006**

(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 I M2 Ex I**

This EC-Type Examination Certificate is valid till: **25. 06. 2013**

Responsible person:

  
Dipl. Ing. Šindler Jaroslav  
Head of certification body



Date of issue: 25. 06. 2008

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Number of pages: 3

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**Physical Technical Testing Institute  
Ostrava-Radvanice**

(13)

**Schedule**

(14) **EC-Type Examination Certificate N° FTZÚ 08 ATEX 0069**

(15) Description of Equipment:

The mining cap lamp T 1005.01 comprises of a battery container, cover, connection cord cable and head-lamp part. Five NiMH cells (type HHR 450A), encapsulated fuse 1 A and control electronics are housed inside a battery container. The printed circuit board with in primary, secondary and indication LED diodes, cooler and switch are installed inside of a reflector housing.

$T_3 = -5^{\circ}\text{C}$  to  $+40^{\circ}\text{C}$

(16) Report No. : 08/0069 (14 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:

Dipl. Ing. Šindler Jaroslav  
Head of certification body



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Physical Technical Testing Institute  
Ostrava-Radvanice

(13)

Schedule


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(19)

**LIST OF DOCUMENTATION**

1. Instruction for use (7 pages)	04.10.2007
2. Technical description (4 pages + 1 annex)	25.08.2007
3. Drawings No.:	
1005.01	12.07.2007
3060 12	21.11.2007
3089 99	12.07.2007
3060 13	11.07.2007
3089 100	12.07.2007
3113 13	10.03.2008
3138 06	23.05.2007
4016 25	02.07.2007
4016 26	02.07.2007
4016 27	02.07.2007
4016 28	02.07.2007
4019 08	30.08.2006
4047 21	18.05.2007
4062 04	02.01.2007
4089 101	11.07.2007
4089 102	11.07.2007
4089 106	01.09.2007
4089 107	11.07.2007
4089 108	01.09.2007
4089 109	13.07.2007
4089 110	11.07.2007
4089 111	11.07.2007
4107 38	02.07.2007
4107 40	23.03.2008
4107 41	20.05.2007
4146 11	03.06.2008
4119 04	18.05.2007
4129 14	29.06.2007
3014 12	09.07.2007
4. Printed circuit boards (3 drawings)	verified 23.06.2008
5. Parts list: R-1005.01 (11 pages)	16.07.2007

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