



1. **EC-TYPE EXAMINATION CERTIFICATE**

2. **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres Directive 94/9/EC**

3. EC-Type Examination Certificate Number: **ITS11ATEX27369X**

4. Equipment or Protective System: **6141/61 Hand Lamp**

5. Manufacturer: **R.Stahl Schaltgeräte Gmbh**

6. Address: **Am Bahnhof 30, 74638 Waldenburg, Germany.**

7. This equipment or protective system and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

8. Intertek Testing and Certification Limited, notified body number 0359 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 Intertek Report 11053982A1 dated October 2011.

9. Compliance with the Essential Health and Safety Requirements has been assured by compliance with standards EN 60079-0:2009, EN 60079-7:2007, EN 60079-11:2006 and EN 60529: 1992 A1+A2 except in respect of those requirements referred to at item 18 of the Schedule.

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 and construction 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 the following:-

 II 2G Ex ib IIB T4 Gb (LED)
II 2G Ex ib e IIB T4 Gb (Xenon)


R Smith
Certification Officer
25 October 2011

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13. SCHEDULE
14. EC-TYPE EXAMINATION CERTIFICATE NUMBER ITS11ATEX27369X
15. Description of Equipment or Protective System

The 6141/61 Series of hand lamp can be fitted with either a LED or a Xenon lamp module, powered by 1.5V AAA Alkaline cells. The enclosure is constructed from a non-conducting polycarbonate for use in IIB gas groups. The equipment is certified for use in explosive atmospheres based on the concept of intrinsic safety and increased safety. This certification is based upon the component certificates ITS11ATEX27366U for the Hand Lamp Body and Switch and ITS11ATEX27367U for the LED or Xenon Lamp Module.

Hand lamp part number format is 6141/61-ab:-
 6141/6 = Type 6
 6141/61 = Size 1
 a = Gas Group, IIB=1
 b = Light Source, Xenon = 4, LED White = 6

Hand lamp Type	Gas  II 2G	Ambient Range Ta
6141/61-16	Ex ib IIB T4 Gb	-20°C ≤ Ta ≤ 40°C
6141/61-14	Ex ib e IIB T4 Gb	-20°C ≤ Ta ≤ 40°C

Ingress protection for 6141/61 is IP68 3m for 30 minutes.

16. Report Number:
 Intertek Report 11053982A1 dated October 2011.

17. CONDITIONS OF CERTIFICATION:

- (a). Special Conditions for safe use
- Warning- Do not open in hazardous area! Check instructions before use.
 - Only fit with the following battery types:-
 Duracell Plus AAA/ LR03/ Micron MN2400
 Energizer Mini Stilo (Classic E92) AAA
 Varta Consumer Longlife Extra AAA
 Varta High Energy AAA
 Daimon AAA
 Energizer Ultra AAA
 - Take suitable precautions to protect from excessive impacts.
 - The Xenon bulb must only be replaced by the part type XL0232D.
 - Can only be used in conjunction with the LED or Xenon Lamp module certificate number ITS11ATEX27367U and Hand Lamp Body and Switch certificate number ITS11ATEX27366U.
- (b). Conditions For Use (Routine Tests)

There are no Routine Tests.

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- 13. SCHEDULE
- 14. EC-TYPE EXAMINATION CERTIFICATE NUMBER ITS11ATEX27369X
- 18. Essential Health and Safety Requirements (EHSR's)

The relevant EHSR's have been identified and assessed in Intertek Report 11053982B1 October 2011.

- 19. Drawings and Documents

Number	Title	Issue	Date
61 410 09 00 0	Example for Marking 6141/61	04	22.07.2011

This Certificate is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Certificate. Only the Client is authorized to permit copying or distribution of this Certificate and then only in its entirety. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek.

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