



## EC-TYPE EXAMINATION CERTIFICATE

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

EC-Type Examination Certificate Number : **BAS99ATEX1202**

Equipment or Protective System: **LITE TRACKER LT\*\*\*E**

This certificate is held by: **ECOM ROLF NIED GmbH**

Address: **Industriestrasse 2, D-97959 Assamstadt, Germany**

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

The Electrical Equipment Certification Service, notified body number 600 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°

**99(C)0706 dated 10 August 1999**

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

**EN 50014: 1997                      EN 50020: 1994**

except in respect of those requirements listed at item 18 of the Schedule.

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.

This EC-TYPE EXAMINATION CERTIFICATE relates only to the design and construction of the specified equipment or protective system. If applicable, further requirements of this Directive apply to the manufacture and supply of this equipment or protective system.

The marking of the equipment or protective system shall include the following:-

 **II 1 G                      EEx ia IIC T4**

This certificate may only be reproduced in its entirety and without any change, schedule included.

File No: EECS 4206/02/001

This certificate is granted subject to the general conditions of the Electrical Equipment Certification Service. It does not necessarily indicate that the apparatus may be used in particular industries or circumstances.



Electrical Equipment Certification Service  
Health and Safety Executive  
Harpur Hill, Buxton, Derbyshire. SK17 9JN. United Kingdom  
Tel: 01298 28000 Fax: 01298 28244



**I M CLEARE**  
DIRECTOR  
16 August 1999



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**EC-TYPE EXAMINATION CERTIFICATE N° BAS99ATEX1202**

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**Description of Equipment or Protective System**

The Lite Tracker LT\*\*\*E is a self-contained, battery powered device designed to operate as a high visibility flashing indicator.

The apparatus is a lightweight device comprising two AAA size primary cells and an encapsulated printed circuit board with two or three high output LEDs in a polycarbonate enclosure.

The certificate covers a range of variants which permit a different method of activation i.e. push button or water activated with time delay, different LED colour and various clip arrangements.

The on/off switch or water activation contacts are mounted in one end wall of the enclosure.

Any zinc carbon, zinc chloride or alkaline manganese AAA size cells may be used.

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**Report Nos.**

99(C)0706

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**SPECIAL CONDITIONS FOR SAFE USE**

None

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**Essential Health and Safety Requirements**

<b>ESSENTIAL HEALTH &amp; SAFETY REQUIREMENTS not covered by Standards listed at (9)</b>		
<b>Clause</b>	<b>Subject</b>	<b>Compliance</b>
1.0.3	Special checking and maintenance conditions	Report No. 99(C)0706 clause 2.3
1.0.5	Marking	Report No. 99(C)0706 clause 2.3
1.0.6	Instructions	Report No. 99(C)0706 clause 2.3
1.1.1	Materials not to trigger off explosion	Report No. 99(C)0706 clause 2.3
1.1.2	Effect of explosive atmosphere on materials	Report No. 99(C)0706 clause 2.3
1.2.1	Design with regard to technological knowledge	Report No. 99(C)0706 clause 2.3
1.2.2	Components for incorporation or replacement	Report No. 99(C)0706 clause 2.3
1.2.3	Enclosed structures and prevention of leaks	Report No. 99(C)0706 clause 2.3
1.2.6	Safe opening	Report No. 99(C)0706 clause 2.3
1.2.7	Protection against other hazards	Report No. 99(C)0706 clause 2.3
1.4.1	Safe function in changing external conditions	Report No. 99(C)0706 clause 2.3
1.4.2	Withstanding attack by aggressive substances	Report No. 99(C)0706 clause 2.3
2.1.1	Category 1G	Report No. 99(C)0706 clause 2.3



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**DOCUMENTS**

BASEEFA EC-Type Examination Certificate No BAS99ATEX1017.  
Label drawing LT-901, issue 1, 9/8/99

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BASEEFA List Keywords  
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1 **SUPPLEMENTARY EC-TYPE EXAMINATION CERTIFICATE**

2 **Equipment or Protective System Intended for use  
in Potentially explosive atmospheres  
Directive 94/9/EC**

3 Supplementary EC-Type Examination Certificate Number: **BAS99ATEX1202/1**

4 Equipment or Protective System: **LITE TRACKER LT\*\*\*E**

5 This Certificate is held by: **ECOM ROLF NIED GmbH**

6 Address: **Industriestrasse 2, D-97959 Assamstadt, Germany**

7 This supplementary certificate extends EC-Type Examination Certificate No. BAS99ATEX1202 to apply to equipment or protective systems designed and constructed in accordance with the specification set out in the Schedule of the said Certificate but having any variations specified in the Schedule attached to this certificate and the documents therein referred to.

This Supplementary Certificate shall be held with the original Certificate.

This certificate may only be reproduced in its entirety and without any change, schedule included.

File No: EECS 4206/02/001

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14 February 2000

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**SUPPLEMENTARY EC-TYPE EXAMINATION CERTIFICATE N° BAS99ATEX1202/1**

**Description of the Variation to the Equipment or Protective System**

**VARIATION 1.1**

To permit minor changes to the component specifications.

**Report No.**

None

**Schedule of Limitations**

As original certificate.

**Essential Health and Safety Requirements**

See original certificate.

**DOCUMENTS**

BASEEFA EC Type Examination Certificate No BAS99ATEX1017/1

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