



(2) **Equipment intended for use in potentially explosive atmospheres**  
**Annex VIII - Directive 94/9/EC**

(1) **TYPE EXAMINATION CERTIFICATE**

(3) Number of the type examination certificate: **INERIS 10ATEX3015**

(4) Equipment:

**LAMP TYPE E78 PIXA**

(5) Manufacturer: **PETZL**

(6) Address: **139, rue du Prè Blanc  
F-38920 CROLLES**

(7) This equipment and any other acceptable alternative of this one are described in the annex of this certificate and the descriptive documents quoted in this annex.

(8) INERIS certifies that this equipment fulfils the Essential of Health and Safety Requirements relating to the design and construction of equipment intended for use in potentially explosive atmospheres and submitted to the annex VIII of the Directive. The essential requirements are described in the annex VIII of the Directive 94/9/EC of the 23<sup>rd</sup> March 1994.

The examinations and the tests are consigned in confidential report No 023184/10.


(9) The respect of the Essential Health and Safety Requirements is ensured by:

- conformity with:

EN 60079-0	:	2006
EN 60079-15	:	2005
EN 61241-0	:	2006
EN 61241-1	:	2004

- specific solutions adopted by the manufacturer to meet the Essential Health and Safety Requirements described in the descriptive documents.

- (10) Sign X, when it is placed following the Number of the type examination certificate, indicates that this equipment is subjected to the special conditions for safe use, mentioned in the annex of this certificate.
- (11) This 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 will have to contain:

 II 3 GD

Verneuil-en-Halatte, 2011.02.18



Director of the Certifying Body,  
By delegation  
T. HOUEIX  
Certification Officer  
Certification Division

(13)

## ANNEX

(14)

### TYPE EXAMINATION CERTIFICATE N° INERIS 10ATEX3015

(15)

#### DESCRIPTION OF THE EQUIPMENT

The lamps of the range E78 PIXA including 3 types (PIXA 1, PIXA 2 and PIXA 3) are composed of:

- A plastic enclosure containing two cells of 1.5V in series, an electronic card and one or more LEDs depending on the model. This enclosure is protected by the type of protection "nA".
- A switch protected by the type of protection "nL" in order to select the mode of lighting.

#### PARAMETERS RELATING TO THE SAFETY

The cells being able to be used are only the alkaline type and referenced below:

- ENERGIZER E91
- DURACELL MN1500
- DURACELL MX1500
- ENIX LR6

#### MARKING

Marking has to be readable and indelible; it has to include the following indications:

PETZL

F-38920 CROLLES

E78 PIXA

INERIS 10ATEX3015

(Year and month of construction)



II 3 GD

Ex nA nL IIB T4

Ex tD A22 IP64 T135°C

-30°C ≤ Ta ≤ +40°C

WARNING:

DO NOT OPEN IF AN EXPLOSIVE ATMOSPHERE MAY BE PRESENT

USE ONLY 2"AA" 1.5V ALKALINE CELLS SPECIFIED IN THE INSTRUCTIONS.

Marking may be carried out in the language of the country of use.

The equipment has also to carry the marking normally stipulated by its construction standards.

## **ROUTINE EXAMINATIONS AND TESTS**

None.

## **(16) DESCRIPTIVE DOCUMENTS**

The descriptive documents quoted hereafter constitute the technical documentation of the equipment, subject of this certificate.

- Descriptive notice PIXA E78(10 pages + 36 drawings) Rev.1      signed on 2010.12.20
- Instruction notice E785050 (1 pages) Rev. A      signed on 2011.01.24

## **(17) SPECIAL CONDITIONS FOR SAFE USE**

See the instruction notice.

## **(18) ESSENTIAL SAFETY AND HEALTH REQUIREMENTS**

The respect of the Essential Health and Safety Requirements is ensured by:

- Conformity to the European standards in page 1, clause (9).
- All provisions adopted by the manufacturer and defined in the descriptive documents.