



- (2) **Equipment and protective systems intended for use in potentially explosive atmospheres**
Directive 94/9/EC

(1) **EC-TYPE EXAMINATION CERTIFICATE**

- (3) Number of the EC type examination certificate: **INERIS 05ATEX0051**

- (4) Equipment or protective system:

GAZ DETECTOR TYPE INSPECTRA LASER

- (5) Manufacturer: **GAZOMAT**

- (6) Address: 11, rue de l'Atome
F - 67802 BISCHHEIM

- (7) This equipment or protective system and any other acceptable alternative of this one are described in the appendix of this certificate and the descriptive documents quoted in this appendix.

- (8) The INERIS, notified body and identified under number 0080, in accordance with article 9 of Council Directive 94/9/EC of the 23rd March 1994, certifies that this equipment or protective system fulfils the Essential of Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres, described in appendix II of the Directive.

The examinations and the tests are consigned in official report No P56944/05.

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

- conformity with:

EN 50 014 of June 1997 + Amendment 1 and 2
EN 50 020 of June 2002

- 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 EC type examination certificate, indicates that this equipment and protective system is subjected to the special conditions for safe use, mentioned in the annex of this certificate.

- (11) This EC type examination certificate relates only to the design, examination and tests 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 the protective system will have to contain:


 **II 2 G**

EEx ib IIB T4

Verneuil-en-Halatte, on 2005 11 24



T. DELBAERE
Engineer at the Laboratory for Certification
of ATEX Equipment



Director of the Certifying Body,
By delegation
B. PIQUETTE
Deputy manager of Certification

(13)

ANNEX

(14)

EC TYPE EXAMINATION CERTIFICATE N° INERIS 05ATEX0051

(15) DESCRIPTION OF THE EQUIPMENT OR THE PROTECTIVE SYSTEM

The material is a gas detector

The material gets a protection degree IP54 according to European standard EN 60 529.


PARAMETERS RELATING TO THE SAFETY

Characteristics of the cells and batteries :

Mark	VARTA	DURACELL	SAFT
Reference	4920	Procell MN1300	VTD70 (VTD137)
Type	Alcaline Pile High Energy	Alcaline Pile High Energy	Battery NiCd
Size	LR20 D	LR20 D	LR20 D
Voltage	1,5V	1,5V	1,2V

MARKING

Marking must be readable and indelible; it must comprise the following indications:

- GAZOMAT
11, rue de l'Atome
F - 67802 BISCHHEIM
- INSPECTRA LASER
- INERIS 05ATEX0051
- (serial number)
- (Year of construction)
-  II 2 G
- EEx ib IIB T4
- "DO NOT REPLACE THE CELLS OR BATTERIES IN EXPLOSIVE ATMOSPHERE"

The whole of marking can be carried out in the language of the country of use.

The protective system or equipment must also carry the marking normally envisaged by the standards of construction, which relate to it.

ROUTINE EXAMINATIONS AND TESTS

None.

(16) DESCRIPTIVE DOCUMENTS

The documents listed hereafter, constitute the descriptive file of the apparatus, object of this certificate.

- Certification file N°002 AB of 2005.11.16
- User Manual 02_340_000_AB_BE of 2005.11.16
- Technical file ref 02_200900_AB_BE of 2005.11.15
- Electronic drawing file 02_200905_AB_BE of 2005.11.15
- Drawing file 02_200910_AB_BE of 2005.11.16

All these documents are signed on 2005.11.16

(17) SPECIAL CONDITIONS FOR SAFE USE

See the instruction note.

(18) ESSENTIAL REQUIREMENTS OF SAFETY AND HEALTH

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

- the conformity to the European standards EN 50 014 and EN 50 020
- the whole of the provisions adopted by the manufacturer and described in the descriptive documents.

This equipment is not evaluated according to annex II §1.5 of 94/9/EC Directive.