

(2) **Equipment and protection 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 03ATEX0129X**

(4) Protection system or equipment:

**CALIBRATOR Type ULTIMA CALIBRATOR**

(5) Manufacturer: **MINES SAFETY APPLIANCES COMPANY**

(6) Address: **1000, Cranberry Woods Drives  
Cranberry Township, PA  
16066 USA**

(7) This protection system or equipment 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 23<sup>rd</sup> March 1994, certifies that this protection system or equipment fulfils the Essential of Health and Safety Requirements relating to the design and construction of equipment and protection 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 P43724/03.

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

- conformity with:

EN 50 014 of June 1997 + Amendments 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 protection 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 protection system will have to contain:

 II 2 G

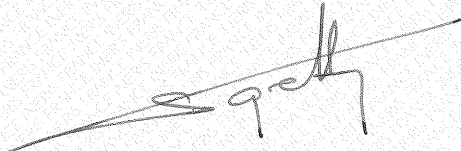
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Verneuil-en-Halatte, 2003 07 28

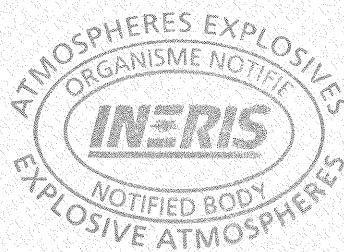


T. HOUEIX

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 03ATEX0129X

(15) DESCRIPTION OF THE EQUIPMENT OR THE PROTECTION SYSTEM

The ULTIMA calibrator is intended to program and calibrate, by remote control, ULTIMA/ULTIMA X series gas monitor.


The power supply consists of two cells size AAA of 1,5 volts of nominal voltage, connected in series.

### PARAMETERS RELATING TO THE SAFETY

None.

### MARKING

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

- MINES SAFETY APPLIANCES COMPANY
- 1000, Cranberry Woods Drives  
Cranberry Townshship, PA  
16066 USA
- INERIS 03ATEX0129X
- ULTIMA CALIBRATOR
- (Serial number)
- (Year of construction)
-  II 2 G
- EEx ib IIC T3..T5

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

The protective apparatus or system 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 technical report is composed of the document quoted hereafter, constituting the descriptive file of the apparatus, object of this certificate.

- Instructions Manual (29 pages) Rev. 8 signed on 2003.06.23
- Drawing n° C809997 REV.10 on 2002.09.24 signed on 2002.03.28
- Drawing n° C807011 REV.6 on 2003.01.13 signed on 2002.03.28
- Drawing n° D807010 REV.7 on 2003.10.01 signed on 2002.03.28
- Drawing n° DSK3014-301 REV.5 on 2003.01.13 signed on 2002.03.28
- Drawing n° D10000016069 on 2003.05.03 signed on 2002.03.28

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

The apparatus have to be supplied by two cells from one of the following type:

Manufacturer	Type	Temperature Class	Size
VARTA	High Energy 4903	T4	AAA
DURACELL	ULTRA M3 - MN 2400	T3	
ENERGIZER	ULTRA - E92	T5	

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

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

- 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.

## ADDITION

- (3) **INERIS 03ATEX0129X/01**
- (4) **CALIBRATOR TYPE : ULTIMA CALIBRATOR**
- (5) **Made by MINE SAFETY APPLIANCES COMPANY**

(15) **PURPOSE OF THE ADDITION**

- Application of the new standards:
  - EN 60 079-0 : 2006
  - EN 60 079-11 : 2007
- Modification of microcontroller case referenced U3.


**PARAMETERS RELATING TO THE SAFETY**

None.

**MARKING**

The marking is modified as follows:

MINE SAFETY APPLIANCES COMPANY  
1000, Cranberry Woods Drives  
Cranberry Township, PA  
16066 USA  
ULTIMA CALIBRATOR  
INERIS 03ATEX0129X  
(serial number)  
(Year of construction)

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

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

**EXAMINATION AND INDIVIDUAL TESTS**

None.

(16) DESCRIPTIVE DOCUMENTS

The descriptive documents quoted hereafter constitute the technical documentation describing the modification of the equipment, subject of this present addition.

- Drawing n° C 809997 (1 page) rev. 11 dated on 2007.11.20
- Instructions manual n° 10046691 (62 pages) rev. 5 dated on 2010.06.29
- Drawing n° SK3098-1034 (7 pages) rev. 1 dated on 2008.01.10

These documents were signed on 29 June 2010.

(17) SPECIAL CONDITIONS FOR SAFE USE

The special conditions for safe use are unchanged.

(18) ESSENTIAL SAFETY AND HEALTH REQUIREMENTS

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

- Conformity to the standards quoted in clause (15).
- All provisions adopted by the manufacturer and defined in the descriptive documents.

Verneuil-en-Halatte, 2010 09 24



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

## ADDITION

(3) INERIS 03ATEX0129X/02

(4) CALIBRATOR TYPE ULTIMA CALIBRATOR

(5) Made by MINE SAFETY APPLIANCES COMPANY

(15) **PURPOSE OF THE ADDITION**

- Application of EN 60079-0: 2012 + A11: 2013 and EN 60079-11: 2012 standards.
- Possible use of new cell's type.


**PARAMETERS RELATING TO THE SAFETY**

None.

**MARKING**

The marking is modified as follows:

MINE SAFETY APPLIANCES COMPANY  
1000, Cranberry Woods Drives  
Cranberry Township, PA  
16066 USA  
ULTIMA CALIBRATOR  
INERIS 03ATEX0129X  
(serial number)  
(Year of construction)

 II 2 G  
Ex ia IIC T4 Gb

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

The protective system or 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 describing the modification of the equipment, subject of this present addition.

- Additive to descriptive note (4 pages) dated and signed on 2014.10.27
- Drawing nr C813828 rev.6 (3 pages) dated and signed on 2014.10.27
- User's manual (62 pages) ref. 10046691/06 dated and signed on 2014.10.27

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

The special conditions for safe use are modified as follows:

The apparatus have to be supplied by two cells from one of the following type:

Manufacturer	Type	Temperature class	Size
DURACELL	MN2400	T4	AAA
DURACELL	Industrial LR03		
ENERGIZER	E92		

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

The respect of the Essential Health and Safety Requirements is completed or modified as follows:

- Conformity to the standards quoted in clause (15).
- All provisions adopted by the manufacturer and defined in the descriptive documents.

Verneuil-en-Halatte, 2014.11.20



  
The Chief Executive Officer of INERIS  
By delegation  
T. HOUEIX  
Ex Certification Officer