



- (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 07ATEX0025X**

- (4) Equipment or protective system:

OXYGEN ANALYZERS TYPE GPR-18MS or GPR-18 or GPR-28

- (5) Manufacturer: **Analytical Industries Inc. dba Advanced Instruments Inc.**
(6) Address: **2855 METROPOLITAN PLACE
POMONA CA 91767 - USA**

- (7) This equipment or protective system 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) 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 annex II of the Directive.

The examinations and the tests are consigned in confidential report No P87767/07.

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

- conformity with:

EN 60 079-0 2006
EN 60 079-1 2004

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

(13)

A N N E X

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EC TYPE EXAMINATION CERTIFICATE N° INERIS 07ATEX0025X

(15)

DESCRIPTION OF THE EQUIPMENT OR THE PROTECTIVE SYSTEM

Enclosure fitted with : 2 cables entries 3/4 " NPT, a glass window contains a whole of electrical and electronical equipment intended for oxygen analysis defined in the descriptive document, protected by both certified flameproof enclosure and defined flame arrestors.


PARAMETERS RELATING TO THE SAFETY

Max rated supply voltage	: 230 Vdc or Vac
Threshold of internal thermal heater if any	: 65° C
Dissipated power for temperature class T6	: 205W
Dissipated power for temperature class T5	: 310W

MARKING

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

Analytical Industries Inc. dba Advanced Instruments Inc.
2855 METROPOLITAN PLACE POMONA
CA 91767 - USA
GPR-18MS or GPR-18 or GPR-28
INERIS 07ATEX0025X
(Serial number)
(Year of construction)

 II 2 G Ex d IIB or dIIB+H2 T6 or T5
WARNING : DO NOT OPEN WHEN ENERGIZED

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.