



- (2) Component intended to be incorporate into equipment or protective system intended for use in explosive atmospheres
Directive 94/9/EC

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

- (3) Number of the EC type examination certificate: **INERIS 13ATEX9007U**

- (4) Component:

ENCLOSURES TYPE AS**

- (5) Manufacturer: **NUOVA ASP**
(6) Address: **Via Gasperi, 26
20090 PANTIGLIATE (MI)
ITALY**

- (7) This component 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, notified body and identified under number 0080, in accordance with article 9 of Council Directive 94/9/EC 23rd March 1994, certifies that this component 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 report No 026302/13.


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

- conformity with:

EN 60079-0	:	2009	IEC 60079-0	:	2011
EN 60079-7	:	2007	IEC 60079-7	:	2006
EN 60079-31	:	2009	IEC 60079-31	:	2008

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

- (10) Sign U, when it is placed following the Number of the EC type examination certificate, indicates this one should not be wrongly considered as an EC type examination certificate delivered for equipment or protective system. This partial certification may be used as a basis for the certification of equipment or protective system.
- (11) This EC type examination certificate relates only to the design, examination and tests of the specified component 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 component will have to contain:

 II 2 GD

Verneuil-en-Halatte, 2013.04.16

Dominique CHARPENTIER
Certification Division
Manager



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

(13)

ANNEX

(14)

EC TYPE EXAMINATION CERTIFICATE N° INERIS 13ATEX9007U

(15)

DESCRIPTION OF COMPONENT

These enclosures of different sizes are made in polyester reinforced with fiber glass and constituted with a body closed by a lid. They are protected by increased safety "e" and by enclosure "tb" for dust atmosphere. They are intended to be fitted with plastic or metallic cable glands.

These enclosures get the degree of protection IP66 according to the EN/IEC 60529 standard.

PARAMETERS RELATING TO THE SAFETY

The operating temperature of this Ex component is included between -40°C and +100°C.


Sizes of the different enclosures:

Dimensions (mm)	Type of the enclosure							
	AS09	AS11	AS14	AS21	AS22	AS42	AS44	AS84
Length	95	110	140	175	175	360	360	730
Width	95	110	140	85	175	175	360	360
Height	64	86	83	120	120	120	120	169

MARKING

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

NUOVA ASP
 20090 PANTIGLIATE (MI)
 AS** (1)
 INERIS 13ATEX9007U

 II 2 GD

Ex e IIC Gb

Ex tb IIIC Db IP66

(1) Type is completed by letters corresponding to the manufacturer variations.

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

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

ROUTINE EXAMINATIONS AND TESTS

None.

(16) DESCRIPTIVE DOCUMENTS

The descriptive document quoted hereafter constitutes the technical documentation of the component, subject of this certificate.

- Certification File n° 12-219 rev. 0 (8 rubrics) dated and signed on 2013.02.10

(17) SCHEDULE OF LIMITATION

None.

(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 (9).
- All provisions adopted by the manufacturer and defined in the descriptive documents.