

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

## **EC-TYPE EXAMINATION CERTIFICATE**

- (3) Number of the EC type examination certificate: **INERIS 09ATEX0059X**

- (4) Equipment or protective system:

**PLUGS TYPE B6p x**

- (5) Manufacturer: **SPECIALISTE INDUSTRIE BATIMENT (SIB ADR)**

- (6) Address: **50, rue du Capitaine Maillard  
F - 57220 BOULAY**

- (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) 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 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 report No 022402/09 .


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

- conformity with:

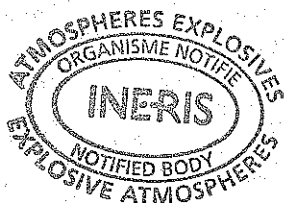
EN 60079-0	:	2006	EN 61241-0	:	2006
EN 60079-1	:	2007	EN 61241-1	:	2004
EN 60079-7	:	2007			

- 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 GD

Verneuil-en-Halatte, 2009 09 11



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

(13)

## ANNEX

(14)

EC TYPE EXAMINATION CERTIFICATE N° INERIS 09ATEX0059X

(15)

### DESCRIPTION OF THE EQUIPMENT OR THE PROTECTIVE SYSTEM

The plugs, made in brass or stainless steel, are intended to fill holes not used on materials protected by increased safety, flameproof enclosures and by protection tD.

### PARAMETERS RELATING TO THE SAFETY

Operating temperature range for cylindrical plug:

- from - 40°C to +100°C with neoprene, silicone or nitrile gasket.
- from - 20°C to +100°C with viton gasket.

Operating temperature range for conical plug:

- from - 40°C to +100°C.

Range of diameters:

- cylindrical threads : ISO M12 to ISO M75
- conical threads : NPT 1/4" to NPT 4" according to ANSI/ASME B1.20.1

### MARKING

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

SIB ADR (or the logo)


F - 57220 BOULAY

B6p x

INERIS 09ATEX0059X

(Serial number)

(Year of construction)

 II 2 GD

Ex d IIC/Ex e II

Ex tD A21 IP6X


(Type and thread)

On small electrical equipment, the marking could be reduce to :

SIB ADR (or the logo)

B6p x

INERIS 09ATEX0059X

 II 2 GD

Ex d/e/tD

(Type and thread)

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 document quoted hereafter constitutes the technical documentation of the equipment, subject of this certificate.

Certification file n° D/009/06 rev.0 of 2009.07.31 (5 rubrics)

signed on 2009.07.31

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

The equipment is intended to be used in an operating temperature range:

For cylindrical plug\_:

- from - 40°C to +100°C with neoprene, silicone or nitrile gasket.
- from - 20°C to +100°C with viton gasket.

For conical plug :

- from - 40°C to +100°C.

### **(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.