

- (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 05ATEX9009U**

- (4) Component:

ROTATING JOINTS SERIE T...

- (5) Manufacturer: **COELBO**
(6) Address: **Via Margherita, 83
I - 20047 Brugherio (MI)**

- (7) This component 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 23rd March 1994, certifies that this component 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. P45143/05.

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

- conformity with:

EN 50 014 of June 1997 + A1 and A2
EN 50 018 of November 2000 + A1

- 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 refers only to the design and the construction of the component specified. Further requirements of the Directive apply to the manufacturing process and supply of this component. These are not covered by this certificate.
- (12) The marking of the component will have to contain:

 I M2 II 2 G

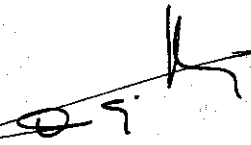
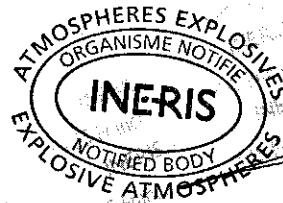
EEx d IIC

Verneuil-en-Halatte, 2005 08 08



X. LEFEBVRE

Engineer at the Laboratory of 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 05ATEX9009U

(15)

DESCRIPTION OF COMPONENT

Metallic devices intended to be fitted on flameproof enclosures for group I, IIA, IIB and IIC.

These metallic devices gets the degrees of protection IP56 according to European standard EN 60 529.

PARAMETERS RELATING TO THE SAFETY

None.

MARKING

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

COELBO

I - 20047 Brugherio (MI)

T...(*)

INERIS 05ATEX9009U

(Year of construction)



I M2 II 2G

EEx d I/IIC

(*) The points are replaced by a codification according to the manufacturing variation and the type of the threading. The different types are defined on the descriptive documents.

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

The component must also carry the marking normally envisaged by the standards of construction which relate to it.

ROUTINE EXAMINATIONS AND TESTS

These components are exempted from any individual overpressure test if they are used on flameproof enclosure having a pressure test below or equal to 30 bar. Otherwise, they must undergo the individual test intended for this enclosure.

(16) DESCRIPTIVE DOCUMENTS

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

Certification file COELBO 9 rev.0 of 2004.06.20

This file signed on 2005.08.03 comprises 3 parts.

(17) SPECIAL CONDITIONS FOR SAFE USE

None.

(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 50 018.
- The whole of the provisions adopted by the manufacturer and described in the descriptive documents.