



(1) **EC TYPE EXAMINATION CERTIFICATE**

(2) **Component intended for use on/in equipment or protective system
intended for use in potentially explosive atmospheres
Directive 94/9/EC**

(3) EC type examination certificate number: **ISSeP03ATEX027 U**

(4) Component: Flameproof housing – series EJB ***

(5) Applicant : JCE (Europe) Ltd
Manufacturer : JCE (Europe) Ltd

(6) Address: East Way , Lee Mill Industrial Estate
(applicant) Ivybridge , Devon PL21 9 LL
England

(7) This component and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

(8) ISSeP, notified body n° 492 in accordance with article 9 of the Council Directive 94/9/EC of 23 March 1994, certifies that this component has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of components intended for use in potentially explosive atmospheres given in annex II to the Directive.


The examination and test results are recorded in confidential report n° 02101.

(9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
EN 50014:1997+A1 et A2:1999 EN 50018:2000 +A1:2002

(10) The symbol "U" placed after the certificate number indicates that this certificate must not be mistaken for a certificate intended for an equipment or protective system. This partial certification may be used as a basis for certification of an equipment or protective system.

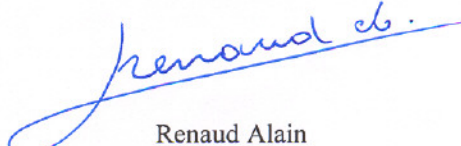
(11) This EC TYPE EXAMINATION CERTIFICATE relates only to the design, examination and tests of the specified component in accordance to the Directive 94/9/EC. Further requirements of this Directive may apply to the manufacturing process and supply of this component. These are not covered by this certificate.

(12) The marking of the component shall include the following indications:

 II 2 G EEx d IIB

Colfontaine, the 2003.04.04

INSTITUT SCIENTIFIQUE DE SERVICE PUBLIC
Zoning A. Schweitzer, rue de la Platinerie
B-7340 COLFONTAINE (Wasmes)
Tél: ++ 32 65 610811 – Fax: ++ 32 65 610808


Renaud Alain
Manager of Colfontaine division

(13)

SCHEDULE

(14)

EC TYPE EXAMINATION CERTIFICATE N^R ISSeP03ATEX027 U

(15)

Description of the component:

Rectangular flameproof enclosures made of aluminum. These boxes are composed of a body and a lid. The lid can be provided with a square or cylindrical window .

The designation of this enclosure is:

EJB 10,15.

EJB 1,2,3,4, ; EJB 3R,4R.

EJB 3A,4A,5A,3AC,4AC,5AC,3RA,4RA,5RA ,3RAC,4RAC,5RAC.

EJBS1, 2 ;EJBSh1,2 ;EJBX2 ;EJBXW2.

EJBH3A ,3AC ,3RA,3RAC,31A,31AC,31RA,31RAC,4A,4AC,4RA,4RAC, 5A,5RA,5RAC.

EJBWXH3A,4A,3AC,4AC,3RA,4RA,3RAC,4RAC.

EJBWV4A,4AC,4RA,4RAC,5A,5AC,5RA,5RAC.

EJBWL4A,4AC,4RA,4RAC.

EJBWM4A,4AC,4RA,4RAC.

Connection shall be made through cable entries of which the position and number of threaded holes are specified in the drawings A3C-2944 sheets 1 to 17 inclusive.

Routine tests

Each housing shall be submitted to a pressure routine test under the value of 12 bar maintained during at least 10 seconds (max. 60 seconds) .

(16)

Report n^r 02101 dated 2003/04/04 composed in total of 30 pages.

The drawings A3C-2944 dated 2002/07/02 (17 sheets).

(17)

Special conditions for safe use:

- Fastenings screws must have a tensile strength of at least 280 N/mm²
- The maximum temperature of the sealing compound used for the window does not exceed 100°C.
- The schedule of limitations mentioned in D.2.2. of the standard EN 50018 : 2000 shall be fulfilled for the certification of the complete apparatus.

(18)

Essential Health and Safety Requirements: covered by the standards listed in (9) and documents referred here above.