



(1) **EC TYPE EXAMINATION CERTIFICATE**

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

(3) EC type examination certificate number: **ISSeP02ATEX045**

(4) Equipment : Control and instrument housing - series EJBC60 & EJBWC60

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

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

(7) This equipment or protective system 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 equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems 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° 01076

(9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
EN 50014:1997 + A1 and A2 : 1999 EN 50281-1-1 : 1998 EN 50018: 2000

(10) If the symbol "X" is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions for safe use specified in the schedule to 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 this Directive may 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 protective system shall include the following indications:

 II 2 G D EEx d IIB T6 to T3
IP66 T85 to T200

Colfontaine, the 05.09.2002

(13)

SCHEDULE

(14)

EC TYPE EXAMINATION CERTIFICATE N^R ISSeP02ATEX045

(15) Description of the equipment or protective system:

Control and instrument housing

This apparatus consists of an aluminium alloy flameproof enclosure; this one may be provided with a window fitted in the cover.

This box contains the equipments listed in the drawing A3C-2934.

The type designation of this apparatus is: EJBC60 (version without window)
EJBWC60 (version with window)

Electrical characteristics

Voltage: max. 11 kV

Current: max. 1500 A

Maximum power dissipated inside the box and temperature classes

240 W - T6

800 W - T5

1300 W - T4

2300 W - T3

Eventual prescriptions

The version with window is only available for the temperature classes T6 and T5

The box shall be equipped with ATEX certified cable entries or TX3700 & TX3701 connectors.

Routine tests

The manufacturer shall perform the routine verifications and tests necessary to ensure that the apparatus complies with the specification submitted to the testing station with the prototype.

(16) Report n^f 01076 dated 4.09.2002 composed in total of 18 pages

The instruction note from the manufacturer (1 sheet)

The drawings

A3C-2934 issue 5 of 30.08.2002 (4 sheets)

(17) Special conditions for safe use: none

(18) Essential Health and Safety Requirements: covered by the standards listed at (9), by the document pr AA EN 50018 and the indications of the manufacturer in the descriptive documents.

This certificate may only be reproduced in its entirety and without any change, schedule included

VARIATION

EC TYPE EXAMINATION CERTIFICATE N° ISSeP02ATEX045/1

(14) Equipment : Control and instruments housing
Type EJBC60

(15) Subject of the variation :

The type EJBC60 housings (version without window) may be used in the ambient temperatures range
 $-40^{\circ}\text{C} \leq T_{\text{amb}} \leq +40^{\circ}\text{C}$

The flameproof properties of the apparatus remain unchanged

Marking : Unchanged except the ambient temperatures ranges

Eventual Prescriptions :

The ambient temperatures range : $-40^{\circ}\text{C} \leq T_{\text{amb}} \leq +40^{\circ}\text{C}$

(16) Report n° 04100 of 25.08.2004 (9 pages) completed by the descriptive documents below :

The drawings :

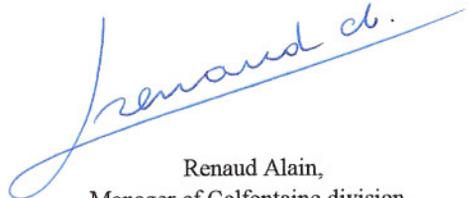
A3C-2958 of 16.06.2004

A3C-2961 of 24.08.2004

(17) Special conditions for safe use : None

(18) Essential Health and Safety Requirements : covered by the standards listed at point 9 of the initial certificate and by the descriptive documents from the manufacturer.

Colfontaine, 26.08.2004



Renaud Alain,
Manager of Colfontaine division.

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