


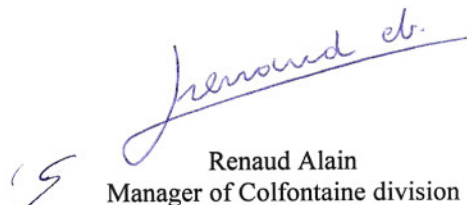


- (1) **EC TYPE EXAMINATION CERTIFICATE**
- (2) **Equipment or protective system intended for use  
in potentially explosive atmospheres  
Directive 94/9/EC**
- (3) EC type examination certificate number: **ISSeP03ATEX005**
- (4) Equipment : Control and instrument housing - series GUBC \* / GUBHC \*
- (5) Applicant : JCE (Europe) Ltd  
Address: East Way, Lee Mill Industrial Estate  
(applicant) Ivybridge, Devon PL21 9LL  
England
- Manufacturer : JCE Group
- (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° 02104
- (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 IIC T6 (T85°C) or T5 (T100°C) IP66

Colfontaine, the 06.02.2003

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<sup>R</sup> ISSeP03ATEX005

(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-2936

The type designation of this apparatus is: GUBC1 to 5 (version without window)

GUBHC 1, 3, 4, 5 (version with window)

#### Electrical characteristics

Type of housing	GUBC1 to 3 & GUBHC1 and 3	GUBC4 and 5 & GUBHC4 and 5
Maximum voltage	1 kV	11kV
Maximum current	100 A	600A

#### Maximum power dissipated inside the box and temperature classes

	GUBC1 GUBHC1	GUBC2	GUBC3 GUBHC3	GUBC4 GUBHC4	GUBC5 GUBHC5
P max. for T6	15W	15W	20W	20W	40W
P. max. for T5	30W	30W	40W	50W	80W

#### Eventual prescriptions

The box shall be equipped with ATEX certified cable entries.

#### 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<sup>r</sup> 02104 dated 5.02.2003 composed in total of 18 pages

The instruction note from the manufacturer (2 sheets)

The data sheet related to the sealing gasket (1 page)

The drawings

A3C-2936 issue 5 of 5.02.2003 (2 sheets)

A3C-2943 issue 3 of 5.02.2003

(17) Special conditions for safe use: none

(18) Essential Health and Safety Requirements: covered by the standards listed at (9) and by the document pr AA EN 50018

## VARIATION

### EC TYPE EXAMINATION CERTIFICATE N° ISSeP03ATEX005/1

(14) Apparatus : Control and instrument housing  
GUBC \* & GUBHC \* Series

(15) Subject to the variation :

The housing is used in the ambient temperatures range:  $-10^{\circ}\text{F} \leq \text{Ta} \leq +110^{\circ}\text{F}$ .

The temperature class remains T6 provided that the powers dissipated in the housings don't exceed the values listed in the drawing A3C-2965.

Marking : Unchanged except the ambient temperature range

#### Eventual Prescriptions

The ambient temperatures range:  $-10^{\circ}\text{F} \leq \text{Ta} \leq +110^{\circ}\text{F}$  (temperature class T6)

(16) Report n° 05108 of 13.09.2005 (5 pages)

The drawing A3C-2965 Issue 1 of 8.07.2005

(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

Colfontaine, 21.09.2005.



Lambert Marcel,  
Directeur.

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This document may not be used without the original certificate