

**Siège social  
et site de Liège :**  
Rue du Chéra, 200  
B-4000 Liège  
Tél : +32(0)4.229.83.11  
Fax : +32(0)4.252.46.65

**Site de Colfontaine :**  
Zoning A. Schweitzer,  
rue de la Platinerie  
B-7340 Colfontaine  
Tél : +32(0)65.61.08.11  
Fax : +32(0)65.61.08.08


**e-mail :**  
direction@issep.be  
**site web :**  
http://www.issep.be



- (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: **ISSEP09ATEX001X**
- (4) Equipment : Control and instrument housing – series GUB(H)SC3
- (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 no 08112
- (9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:  
EN 60079-0:2006 (IEC 60079-0:2004) IEC 60079-0:2007 EN /IEC 60079-1:2007  
EN 61241-0:2006 (IEC 61241-0:2004) EN 61241-1:2004 (IEC 61241-1:2004)  
IEC 60079-31 / FDIS:2008
- (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:
- ⊕ Ex II 2 G Ex d IIC T6 or T5 & Ex d[ia] IIC T6 or T5 (standard EN 60079-0:2006)  
II 2 G Ex db IIC T6 or T5 & Ex db[ia] IIC T6 or T5 (standard IEC 60079-0:2007)  
II 2 D Ex tD A21 IP66 T85°C or T100°C (standard EN 61241-0:2006)  
II 2 D Ex tb IIIC T85°C or T100°C (standard IEC 60079-0:2007)

Colfontaine, the

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

  
Lambert Marcel,  
Manager.

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



(13)

## SCHEDULE

(14)

### EC TYPE EXAMINATION CERTIFICATE No ISSeP09ATEX001X

(15) Description of the equipment :

The control and instrument housing consists of a body and a lid made of stainless steel inside which is fitted the equipment listed in the drawing A3C-2974 sheet 1

The lid may be provided with a circular window.

The housing bears the designation: GUB(H)SC3

#### Electrical characteristics

Voltage: max. 1 kV

Current: max. 100 A

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

The housing is classified T6 when the power dissipated is 20W

The housing is classified T5 when the power dissipated is 40W

#### Eventual prescriptions

The housings shall be equipped with ExdIIC - ATEX certified cable entries screwed in accordance with the prescriptions of the relevant standards.

The intrinsically safe material is mounted in accordance with the requirements of the article 6.2 of EN 60079-11:2007

#### 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.

The housing is exempted from the overpressure routine test.

(16) Report no 08112 of 12.01.2009 composed of 28 pages.

The instruction note from the manufacturer "Installation and maintenance Information" (2 sheets).

The drawings

A3C-2974 issue 3 of 7.01.2009 (2 sheets)

A4C-8457E of 2.09.2008

(17) Special conditions for safe use: Symbol X

Any accumulation of dust shall be avoided on the housing

(18) Essential Health and Safety Requirements: covered by the standards listed at (9) and the indications of the manufacturer in the descriptive documents.