

(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: **ISSeP03ATEX034**

(4) Equipment : junction and control housing - type GUFX2C

(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° 02108

(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

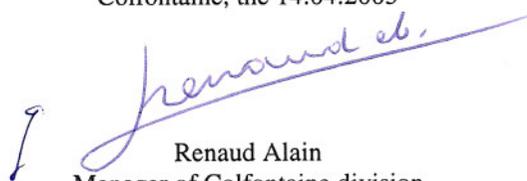
(11) This EC TYPE EXAMINATION CERTIFICATE relates only to the design, examination and tests of the specified equipment or protective system in accordance to the Directive 94/9/EC. Further requirements of this Directive may apply to the manufacturing process and supply of this equipment or protective 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 (T 85°C) IP66

Colfontaine, the 14.04.2003

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Renaud Alain
Manager of Colfontaine division

(13)

SCHEDULE

(14)

EC TYPE EXAMINATION CERTIFICATE N^R ISSeP03ATEX034

(15) Description of the equipment or protective system:

Junction and control housing

This apparatus consists of an aluminium alloy flameproof enclosure inside which are fitted terminal blocks and/or P.C.B.

The arrangement of this equipment is indicated on the drawing A3C-2942 issue 3 of 08.04.2003

This apparatus bears the type designation: GUFX2C

Electrical characteristics:

Maximum voltage: 440 V

Maximum current: from 16 to 40 A -according to the type of terminal blocks and size of wires

Maximum power dissipated: 10 W

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^r 02108 dated 11.04.2003 composed in total of 15 pages

The instruction note from the manufacturer (2 sheets)

The drawing

A3C-2942 issue 3 of 8.04.2002

(17) Special conditions for safe use: none

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

VARIATION

EC TYPE EXAMINATION CERTIFICATE N° ISSeP03ATEX034/1

(14) Equipment : Junction and control housing
Type GUFX2C

(15) Subject to the variation :

This apparatus may be operated in the following ambient temperature ranges

$-40^{\circ}\text{C} \leq T_{\text{amb}} \leq +75^{\circ}\text{C}$ - temperature class T6

$-40^{\circ}\text{C} \leq T_{\text{amb}} \leq +90^{\circ}\text{C}$ - temperature class T5

The flameproof properties of the apparatus remain unchanged

Marking : Unchanged except the ambient temperatures ranges and the addition of the temperature class T5

Eventual Prescriptions :

The ambient temperatures ranges : $-40^{\circ}\text{C} \leq T_{\text{amb}} \leq +75^{\circ}\text{C}$ (temperature class T6)

$-40^{\circ}\text{C} \leq T_{\text{amb}} \leq +90^{\circ}\text{C}$ (temperature class T5)

(16) Report n° 03239 of 16.12.2003 (6 pages) completed by the descriptive documents below :

The drawings

A3C-7231 issue 2 of 27.11.2003

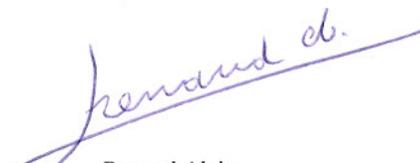
A3C-2956 issue 2 of 27.11.2003

(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, 19.12.2003.

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