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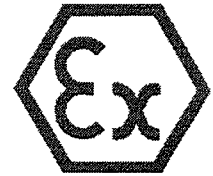
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- (1) **EC TYPE EXAMINATION CERTIFICATE**
- (2) **Equipment or protective system intended for use
in potentially explosive atmospheres
Directive 94/9/EC**
- (3) EC type examination certificate number: **ISSEP11ATEX007X**
- (4) Equipment : Jupiter magnetostrictive transmitter
- (5) Applicant – Manufacturer :
Magnetrol International N.V.
- (6) Address: Heikensstraat 6
9240 Zele
- (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 10013
- (9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
EN 60079-0:2009 (IEC 60079-0:2007) EN 60079-1:2007 (IEC 60079-1:2007)
EN 60079-26:2007 (IEC 60079-26:2006)
- (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 1/2 G Ex d IIC T6 Ga/Gb

Colfontaine, the 10.02.2011

*INSTITUT SCIENTIFIQUE DE SERVICE
PUBLIC*

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M. Lambert,
Manager

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(13)

SCHEDULE

(14)

EC TYPE EXAMINATION CERTIFICATE No ISSeP11ATEX007X

(15) Description of the equipment:

Jupiter magnetostrictive transmitter

This apparatus consists of

- an aluminium alloy or stainless steel housing. Two covers of which one is provided with a window are screwed to this housing.
- a sensor screwed on the base of the housing by means of one or several threaded adapters
- a probe with extension tube foreseen to be fixed to a float device. This part of the apparatus ensures the separation between the areas 0 and 1.

Each housing shall be equipped with certified Ex d IIC cable entries

The unused threaded holes shall be plugged with certified threaded plugs

This apparatus bears the type designation : 2 X X - X X X X - X X X X X - X X X

2= Jupiter magnetostrictive transmitter

Output

Housing & cable entry

A= ATEX / C= IEC

Configuration

Mounting connection

Material

Float

Installation

Unit of measure

Insertion length

Eventual prescriptions

Ambient temperature range: -40°C up to +70°C

Electrical characteristics

Voltages supply: 12-28 V DC

Routine test

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

The housings are exempted from the overpressure routine test; however the extension tube with its probe shall be submitted to an overpressure test under the value of minimum 20 bar during at least 10 sec. (max 60 sec).

(16)

Report no 10013 of 7.02.2011 composed in total of 25 pages.

The letter from the manufacturer – reference Jup-D-04b dated 1.02.2011

The installation and operating manual Ref. Bulletin No 46-648.7

The drawings

99-7205 of 29.05.2002 Rev.E of January 2010 signed on 1.02.2011 (3 sheets)

(17)

Special conditions for safe use: symbol X

The temperature class T6 of this apparatus may be affected if the temperature of the measured fluid (or the process) exceeds 70°C

(18)

Essential Health and Safety Requirements: covered by the standards listed at point 9 and by the descriptive documents of the manufacturer

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