



**Institut scientifique
de service public**
Métrologie environnementale
Recherche - Analyses
Essais - Expertises

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 :

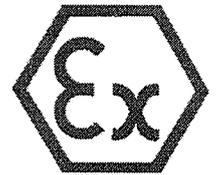
Zoning A. Schweitzer,
rue de la Platinerie
B-7340 Colfontaine
Tél : +32(0)65.61.08.11
Fax : +32(0)65.61.08.08

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: **ISSeP10ATEX032**

(4) Equipment : Level switch
Model Tuffy

(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 10037

(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

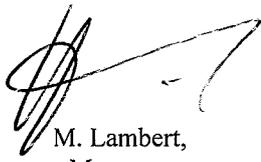
(11) This EC TYPE EXAMINATION CERTIFICATE relates only to the design, examination and tests of the specified equipment or protective system in accordance to the Directive 94/9/EC. Further requirements of this Directive may apply to the manufacturing process and supply of this equipment or protective 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 15.07.2010

INSTITUT SCIENTIFIQUE DE SERVICE PUBLIC
Zoning A. Schweitzer - B7340 Colfontaine (Wasmès)
Tél: ++ 32 65 610811 – Fax: ++ 32 65 610808
e-mail : colfontaine@issep.be


M. Lambert,
Manager.

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



(13)

SCHEDULE

(14)

EC TYPE EXAMINATION CERTIFICATE No ISSeP10ATEX032

(15) Description of the equipment:

Level switch – model Tuffy

This apparatus consists of :

- One aluminium alloy or stainless steel or gray iron housing inside which are fitted the switch magnetically operated by the float and the connection facilities
- One float holder made of stainless steel or hastelloy, fixed on the bottom of the housing

This apparatus bears the type designation

T 3 X - X X X X - X X X

Model Tuffy _____

Float type _____

Stem extension length or

Lower fluid specific gravity] _____

Stem offset _____

Process connection size _____

Process connection type _____

Process connection material _____

Switch type _____

Housing material _____

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

Eventual prescriptions

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

Electrical characteristics

10 A & 240 AC

6A & 24 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.

(16) Report no 10037 of 14.07.2010 composed in total of 25 pages.

The installation and operating manual Ref. Bulletin N° BE44-605.8 (12 pages)

The drawings

99-6509 of 13.04.1999 Rev D of February 2010 - signed on 9.07. 2010 (2 sheets)

(17) Special conditions for safe use: none

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

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