

(1) EC-TYPE EXAMINATION CERTIFICATE

(2) Equipment and protective systems intended for use in potentially explosive atmospheres - Directive 94/9/EC

- (3) EC-Type Examination Certificate Number: **KEMA 08ATEX0162** Issue Number: 1
- (4) Equipment: **Electro Pipe Magnet Series SPA...**
- (5) Manufacturer: **Goudsmit Magnetic Systems B.V.**
- (6) Address: **Petunialaan 19, 5582 HA Aalst-Waalre, The Netherlands**
- (7) This equipment and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
- (8) KEMA Quality B.V., notified body number 0344 in accordance with Article 9 of the Council Directive 94/9/EC of 23 March 1994, certifies that this equipment 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 test report number 211879100.
- (9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
- | | | |
|--------------------------|--------------------------|--------------------------|
| EN 61241-0 : 2006 | EN 61241-1 : 2004 | EN 60079-7 : 2007 |
| EN 13463-1 : 2001 | | |
- (10) If the sign "X" is placed after the certificate number, it indicates that the equipment 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 according to the Directive 94/9/EC. Further requirements of the directive apply to the manufacturing process and supply of this equipment. These are not covered by this certificate.
- (12) The marking of the equipment shall include the following:

**II 1/2 D****Ex tD A20/21 IP 6x T130 °C**

This certificate is issued on November 25, 2008 and, as far as applicable, shall be revised before the date of cessation of presumption of conformity of (one of) the standards mentioned above as communicated in the Official Journal of the European Union.

KEMA Quality B.V.

C.G. van Es
Certification Manager

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KEMA Quality B.V. Utrechtseweg 310, 6812 AR Arnhem P.O. Box 5185, 6802 ED Arnhem The Netherlands
T +31 26 3 56 20 00 F +31 26 3 52 58 00 customer@kema.com www.kema.com Registered Arnhem 09085396

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(13) **SCHEDULE**

(14) **to EC-Type Examination Certificate KEMA 08ATEX0162**

Issue No. 1

(15) **Description**

The Electro Pipe Magnet Series SPA... is suitable for use with dry powders and granulates and consists of a cylindrical housing in which an electro magnet is positioned, mounted on top of a separately certified distributor with associated control panel and other accessories, as applicable.

Ambient temperature range -20 °C to +40 °C.

Technical data

Power supply magnet coil: 66 V, 21 A, 1400 W maximum

Capacity: 650 m³/h maximum

Magnetic field strength: 3700 mT maximum

Installation instructions

The installation instructions as provided by the manufacturer shall be followed in detail to assure safe operation of the equipment.

(16) **Test Report**

KEMA No. 211879100.

(17) **Special conditions for safe use**

None.

(18) **Essential Health and Safety Requirements**

Covered by the standards listed at (9).

(19) **Test documentation**

As listed in Test Report No. 211879100.