

# CERTIFICATE

## (1) EC-Type Examination

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

(3) EC-Type Examination Certificate Number: **KEMA 05ATEX4150** Issue Number: **2**

(4) Equipment: **Rotating Clean Flow Magnet, Series SECR and SCR**

(5) Manufacturer: **Goudsmit Magnetic Systems BV**

(6) Address: **Petunialaan 19, 5582 HA, 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) DEKRA Certification 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 208192200.

(9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

**EN 13463-1 : 2001**

**EN 13463-5 : 2003**

**EN 50281-1-1 : 1998 + A1**

(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 c T 140 °C or II 1/3 D c T 140 °C**

This certificate is issued on September 20, 2011 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.

DEKRA Certification B.V.

T. Pijpker  
Certification Manager

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(13) **SCHEDULE**

(14) **to EC-Type Examination Certificate KEMA 05ATEX4150**

Issue No. 2

(15) **Description**

The Rotating Clean Flow Magnet, Series SECR and SCR are used for de-ironing free flowing powder and granular products by using strong rotating magnets. The unit is powered by a separately certified motor, suitable for the conditions of use and includes a separately certified control box, doorswitch and other certified electrical accessories, as applicable.

The outside equipment category (2 D or 3 D) is depending on the components applied in the system.

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

**Technical data**

Grain size:	up to 10 mm
Flow rate:	up to 40 m <sup>3</sup> /h
Particle size:	up to 10 mm
Magnet rotating speed:	max. 37 rpm

**Installation instructions**

The instructions provided with the equipment shall be followed in detail to assure safe operation.

(16) **Test Report**

No. 208192200.

(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. 208192200.