



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION
IEC Certification Scheme for Explosive Atmospheres
 for rules and details of the IECEX Scheme visit www.iecex.com

Certificate No.: **IECEX BKI 11.0002** Issue No.: **0** Certificate history:

Status: **Current**

Date of Issue: **2011-04-13** Page 1 of 3

Applicant: **Magnetrol International N.V.**
 Heikensstraat 6
 B-9240 Zele
 Belgium
 Belgium

Electrical Apparatus: **Guided wave radar level transmitter type Eclipse Model 705-5... and Probe Eclipse Model 7...**
 Optional accessory:

Type of Protection: **General requirements, Flameproof enclosures, Intrinsic safety, Protection by enclosure "d"**

Marking: **Transmitter resp. Transmitter with integral probe:**
 Ex d [Ia Ga] IIC T6 Gb
 Ex t [Ia Da] IIIC T85 °C Db IP 66
Remote probe:
 Ex ia IIC T6
 Ex ia IIIC T85°C
 -40 °C ≤ Tamb ≤ +70 °C

Approved for issue on behalf of the IECEX
 Certification Body:

Position:

Signature:
 (for printed version)

Date:

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting the Official IECEX Website.

Certificate issued by:

Testing Station for Explosion Proof Equipment
 H 1037 BUDAPEST
 MIKOVINY S.u. 2-4
 Hungary



Ex



IECEX Certificate of Conformity

Certificate No.: **IECEX BKI 11.0002** Issue No.: **0**

Date of Issue: **2011-04-13** Issue No.: **0**

Page 2 of 3

Manufacturer: **Magnetrol International Inc.**
 5300 Belmont Road
 Downers grove, IL 60515
 USA
 United States of America

Manufacturing location(s):

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard listed below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEX Quality system requirements. This certificate is granted subject to the conditions as set out in IECEX Scheme Rules, IECEX 02 and Operational Documents as amended.

STANDARDS:

The electrical apparatus and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards:

- IEC 60079-0 : 2007-10** Explosive atmospheres - Part 0: Equipment - General requirements
Edition: 5
- IEC 60079-1 : 2007-04** Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
Edition: 6
- IEC 60079-11 : 2006** Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "I"
Edition: 5
- IEC 60079-26 : 2006** Explosive atmospheres - Part 26: Equipment with equipment protection level (EPL) Ga
Edition: 2
- IEC 60079-31 : 2008** Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"
Edition: 1


This Certificate does not indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed above.

TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in

Test Report:
HU/BKI/ExTR11.0002/00

Quality Assessment Report:
CA/CSA/QAR06.0004/06

| | | | |
|---|-------------------|--|--------|
|  | | IECEX Certificate of Conformity | |
| Certificate No.: | IECEX BKI 11.0002 | Issue No.: | 0 |
| Date of Issue: | 2011-04-13 | Page | 3 of 3 |
| Schedule | | | |
| EQUIPMENT: <i>Equipment and systems covered by this certificate are as follows:</i> | | | |
| <p>Guided Wave Radar Level Transmitter Eclipse Model 705-5... only for connection to intrinsically safe Probe Eclipse Model 7... is used for level detection. Using the Time Domain Reflectometry and Micro Power Impulse Radar Technology, a fluid level is converted into a 4-20 mA current with HART signal or a digital fieldbus signal. See details in Addendum to IECEx BKI11.0002.</p> | | | |
| CONDITIONS OF CERTIFICATION: NO | | | |
| | | | |

Annexe: Addendum to IECEx BKI 11.0002.pdf