



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 TUN 08.0008** issue No.: **0** Certificate history: _____

Status: **Current**

Date of Issue: **2008-07-07** Page 1 of 3

Applicant: **FAFNIR GmbH**
Bahrenfelder Str. 19
22765 Hamburg
Germany

Electrical Apparatus: **VAPORIX Flow**
Optional accessory:

Type of Protection: **Intrinsic safety "i"**


Marking: **Zone 0 Ex ia IIB T3**

*Approved for issue on behalf of the IECEx
Certification Body:*

Position:

Signature:
(for printed version)

Date:



2008-07-07

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](http://www.iecex.com).

Certificate issued by:

TÜV NORD CERT GmbH
Hanover Office
Am TÜV 1
30519 Hannover
Germany





IECEX Certificate of Conformity

Certificate No.: IECEx TUN 08.0008

Date of Issue: 2008-07-07

Issue No.: 0

Page 2 of 3

Manufacturer: **FAFNIR GmbH**
Bahrenfelder Str. 19
22765 Hamburg
Germany

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 list 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 : 2004 Edition: 4.0	Electrical apparatus for explosive gas atmospheres - Part 0: General requirements
IEC 60079-11 : 1999 Edition: 4	Electrical apparatus for explosive gas atmospheres - Part 11: Intrinsic safety 'i'
IEC 60079-26 : 2004 Edition: 1	Electrical apparatus for explosive gas atmospheres - Part 26: Construction, test and marking of Group II Zone 0 electrical apparatus

*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:

[DE/TUN/ExTR08.0017/00](#)

Quality Assessment Report:

[DE/TUN/QAR06.0013/01](#)



IECEX Certificate of Conformity

Certificate No.: IECEX TUN 08.0008

Date of Issue: 2008-07-07

Issue No.: 0

Page 3 of 3

Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The transmitter gas flow measuring system is used for the measurement of the gaseous flow in vapour recovery systems of petrol stations. The sensor type VAPORIX Flow may be erected inside of the hazardous location Zone 0. The permissible ambient temperature is -30 °C to +50 °C.
The electrical data can be found in the annexe "electrical_data_IECEX_TUN_08_0008".

CONDITIONS OF CERTIFICATION: NO

Annexe: [electrical_data_IECEX_TUN_08_0008.pdf](#)