



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

Certificate No.: IECEx ITS 07.0010X issue No.:0 History:.....

Status: **Current**

Date of Issue: **2007-06-08** Page 1 of 3

Applicant: **EESIFLO INTERNATIONAL PTE LTD**  
60 KAKI BUKIT PLACE, #02-19 EUNOS TECHPARK, 415979, SINGAPORE  
**Singapore**

Electrical Apparatus: **Water in Oil Monitor**  
*Optional accessory:*

Type of Protection: **Intrinsic Safety**

Marking: **Ex ia IIB T4 (Ta = 60°C)**

Approved for issue on behalf of the IECEx Certification Body: A T Austin

Position: Deputy Certification Manager

Signature:  
(for printed version)

Date:

7th June 2007

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:

**Intertek Testing & Certification Ltd**  
ITS House, Cleeve Road,  
Leatherhead,  
Surrey, KT22 7SB  
United Kingdom

**Intertek ETL SEMKO**

Testing everywhere for markets anywhere.



# IECEX Certificate of Conformity

Certificate No.: **IECEX ITS 07.0010X**

Date of Issue: **2007-06-08**

Issue No.: **0**

Page 2 of 3

Manufacturer: **EESIFLO INTERNATIONAL PTE LTD**  
60 KAKI BUKIT PLACE, #02-19 EUNOS TECHPARK, 415979, SINGAPORE  
**Singapore**

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 manufacture'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** Electrical apparatus for explosive gas atmospheres - Part 0: General requirements  
Edition: 4.0

**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

*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:

[GB/ITS/ExTR07.0015/00](#)

Quality Assessment Report:

[GB/ITS/QAR07.0004/00](#)



# IECEx Certificate of Conformity

Certificate No.: IECEx ITS 07.0010X

Date of Issue: 2007-06-08

Issue No.: 0

Page 3 of 3

## Schedule

### EQUIPMENT:

*Equipment and systems covered by this certificate are as follows:*

The Water in Oil Monitor is designed to accurately measure the amount of water content in oil and to provide a linear analogue output representation of the water content.

The Water in Oil Monitor may be model EASZ-1 or BS/W.

The parameters at the input terminals are:

$U_i = 28 \text{ V}$

$I_i = 93 \text{ mA}$

$P_i = 0.66 \text{ W}$  The equivalent parameters are:

28 V dc,  $C_i = 110 \text{ nF}$

7.2 V dc,  $C_i = 237 \text{ }\mu\text{F}$

$L_i = 0$

### CONDITIONS OF CERTIFICATION: YES as shown below:

The Water in Oil Monitor is not capable of withstanding the 500V r.m.s electric strength test as required by clause 6.3.12 of IEC 60079-11: 2006. This must be taken into account when installing the Monitor.