



1. EC-TYPE EXAMINATION CERTIFICATE

2. Equipment or Protective System Intended for use in Potentially Explosive Atmospheres Directive 94/9/EC

3. EC-Type Examination Certificate Number: **ITS06ATEX25406X**

4. Equipment or Protective System: **Water in Oil Monitor**

5. Manufacturer: **EESIFLO INTERNATIONAL PTE LTD**

6. Address: **60 KAKI BUKIT PLACE, #02-19 EUNOS TECHPARK, 415979, SINGAPORE**

7. This equipment or protective system and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

8. Intertek Testing and Certification Limited, notified body number 0359 in accordance with Article 9 of the Council Directive 94/9/EC of 23 March 1994, certifies that this equipment or protective system 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.

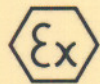
The examination and test results are recorded in confidential Intertek Report Ref 06021770 dated April 2007.

9. Compliance with the Essential Health and Safety Requirements has been assured by compliance with EN60079-0:2004, EN50020:2002 and EN60079-26:2004 except in respect of those requirements referred to at item 18 of the Schedule.

10. If the sign "X" is placed after the certificate number, it indicates that the equipment or protective system 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 or protective system in accordance to the directive 94/9/EC. Further requirements of the Directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate.

12. The marking of the equipment or protective system shall include the following:-



II 1 G, EEx ia IIB T4 [-20°C < Ta < +60°C]

A T Austin
Deputy Certification Manager
27 April 2007

Intertek Testing & Certification Limited
Intertek House, Cleeve Road, Leatherhead, Surrey, KT22 7SB
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Intertek Industrial

13. SCHEDULE

14. EC-TYPE EXAMINATION CERTIFICATE NUMBER ITS06ATEX25406X

15. DESCRIPTION OF EQUIPMENT OR PROTECTIVE SYSTEM

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 BSW.

The maximum input parameters are:

$U_i = 28 \text{ V}$
 $I_i = 93 \text{ mA}$
 $P_i = 0.66 \text{ W}$

The equivalent parameters are

$28 \text{ V dc}, C_i = 110 \text{ nF}$
 $7.2 \text{ V dc}, C_i = 237 \text{ }\mu\text{F}$
 $L_i = 0$

16. REPORT NUMBER

Intertek Report Ref Issue 06021770 dated April 2007

17. SPECIAL CONDITIONS FOR SAFE USE

The Water in Oil Monitor is not capable of withstanding the 500V r.m.s electric strength test as required by clause 6.4.12 of EN 50020. This must be taken into account when installing the Monitor.

18. ESSENTIAL HEALTH AND SAFETY REQUIREMENTS (EHSR'S)

The relevant EHSR's have been identified and assessed in Intertek Report Ref Issue 06021770 dated April 2007.

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19. DRAWINGS

Number	Sheets	Issue	Date	Description
123002-P-WO	3	1	30.10.06	Partlist
123002-L-WO	9	3	01.12.06	PCB Specification and Artwork
EASZ-1-GA-001	1	B	26.04.07	General Assembly EASZ-1
EASZ-1-BSW-GA-001	1	B	26.04.07	General Assembly BSW
123002-S-WO	2	1	30.10.06	EESIFLO INTERNATIONAL LTD PTE EASZ-1 SCHEMATIC
EASZ-1-ISLBL	1	5	22.03.07	Certification Label

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