

# **Intertek Industrial**

## **CHANGE OF CERTIFICATE HOLDER**

**This is to Certify that Certificate Numbers**

**ITS02ATEX3047X  
ITS02ATEX3047X/1  
ITS02ATEX3047X/2  
ITS02ATEX3047X/3  
ITS05ATEXQ4736**

**Formerly held by**

**McMURDO LIMITED**

**of**

**Silver Point, Airport Service Road, Hilsea,  
Portsmouth, Hampshire, PO3 5PB**

**Is now deemed to be held by**

**Daniamant Limited**

**of**

**Unit 3, Admiral Park, Airport Service Road,  
Portsmouth, Hampshire, PO3 5RQ**



**P Browning  
Certification Manager  
13 October 2006**

**Intertek Testing & Certification Limited  
Intertek House, Cleeve Road, Leatherhead, Surrey, KT22 7SB  
Tel: + 44 (0)1372 370900 Fax: +44 (0)1372 370977.  
<http://www.uk.intertek-etlsemko.com>  
Registered No 3272281 Registered Office: 25 Savile Row London W1X 1AA**

This certificate may only be reproduced in its entirety and without any change, schedule included and is subject to Intertek Testing and Certification Conditions for Granting Certification.



Intertek Testing Services



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: ITS02ATEX3047X

4. Equipment or Protective System: TYPE L40 WATER ACTIVATED LIFEBUOY LIGHT

5. Manufacturer: McMURDO LIMITED

6. Address: Hilsea, Portsmouth, PO3 5PB

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. The ITS 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 Report Number:  
ITS Report Ref 02007787, dated October 2002

9. Compliance with the Essential Health and Safety Requirements has been assured by compliance with:  
EN 50014: 1992, EN 50019:2000, EN 50020: 1994  
except in respect of those requirements listed 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 of the specified equipment or protective system. Further requirements of this Directive apply to the manufacture and supply of this equipment or protection system.

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



II 2 G, EEx e ia IIC T3

ITS Testing & Certification Limited  
ITS House, Cleeve Road, Leatherhead, Surrey, KT22 7SB  
Tel: +44 (0)1372 370900 Fax: +44 (0)1372 370977  
<http://www.itsemko.com/uk>  
Registered No 3272281 Registered Office: 25 Savile Row London W1X 1AA

R M Adams  
Deputy Certification Manager  
30 October 2002



# Intertek Testing Services

13. **Schedule**
14. EC-TYPE EXAMINATION CERTIFICATE NUMBER ITS02ATEX3047X
15. Description of Equipment or Protective System.

A Type L40 Water Activated Lifebuoy Light is designed to operate a lamp when it is immersed in water.

The Type L40 rated at 3 W comprises an integral polythene yellow buoyancy chamber, battery container and a lamp holder assembly fitted with a sealed transparent dome shaped lamp enclosure of clear polycarbonate MP345/072.

The lamp holder assembly provides a Degree of Protection IP54.

The Type L40 contains a 3 V, 3 W lamp which is permanently connected to a silver chloride-magnesium sea-water cell by insulated leads.

Two ports are provided in the base of the battery container for the ingress of water and one port in the base of the buoyancy chamber for the egress of air. These parts are fitted with plugs which are removed automatically by rip-cord when the unit is used.

The battery cell becomes operative when submerged in water. The lamp will operate within 10 seconds on immersion in salt water and within 60 seconds on immersion in fresh water.

The complete unit is housed within a specially designed red polythene container with a hinged lid and provision for quick release by a lanyard.

ITS Testing & Certification Limited  
ITS House, Cleeve Road, Leatherhead, Surrey, KT22 7SB  
Tel: +44 (0)1372 370900 Fax: +44 (0)1372 370977  
<http://www.etiscenko.com/uk>

Registered No 3272281 Registered Office: 25 Savile Row London W1X 1AA

This Certificate is the property of ITS Testing and Certification Ltd  
and is subject to ITS Testing and Certification Conditions for Granting Certification

The logo for ITS Intertek Testing Services. It features the letters 'ITS' in a bold, white, sans-serif font inside a dark rectangular box. To the right of this box, the words 'Intertek Testing Services' are written in a serif font.

13. **Schedule**
14. EC-TYPE EXAMINATION CERTIFICATE NUMBER ITS02ATEX3047X
16. Report No. ITS Report Ref 02007787.
17. SPECIAL CONDITIONS FOR SAFE USE
1. The apparatus will be stored within its specially designed container and be mounted and maintained according to the manufacturers instructions.
  2. For lamp replacement, the light dome must only be removed and replaced using the special tool, and on replacement a torque of 3.0/3.5 lbf/ft must be applied.

ITS Testing & Certification Limited  
ITS House, Cleeve Road, Leatherhead, Surrey, KT22 7SB  
Tel: + 44 (0)1372 370900 Fax: +44 (0)1372 370977  
<http://www.citsemko.com/uk>  
Registered No 3272281 Registered Office: 25 Savile Row London W1X 1AA

This Certificate is the property of ITS Testing and Certification Ltd  
and is subject to ITS Testing and Certification Conditions for Granting Certification

# ITS Intertek Testing Services

13. **Schedule**
14. EC-TYPE EXAMINATION CERTIFICATE NUMBER ITS02ATEX3047X
18. Essential Health and Safety Requirements

| Essential Health and Safety Requirements not covered by Standards listed at (9) |  |   |
|---|--|---|
| Clause  | Subject  | Compliance  |
| 1.01  | Principal of integrated explosion protection             | The equipment is designed to comply with the requirements of EN 50014, EN 50019 and EN 50020    |
| 1.02  | Analysis of possible operating faults                    | The equipment is designed to comply with failure modes specified in EN 50020                    |
| 1.0.3   | Special checking and maintenance conditions              | Instruction Manual provides all the information   |
| 1.0.6   | Instructions   | Instruction Manual provides all the information   |
| 1.2.1   | Design with regard to technical knowledge                | The state of the art as specified in EN 50014, EN 50019 and EN 50020 satisfies this requirement |
| 1.2.4   | Dust deposits  | Certification for gas atmospheres only  |
| 1.2.5   | Additional means of protection                           | No special requirements   |
| 1.2.7   | Protection against other hazards                         | The equipment is designed to comply with the requirements of EN 50014                           |
| 2.1.1   | Explosive atmospheres caused by gases, vapours or hazes. | Equipment is designed to comply with the requirements of EN 50019 and EN 50020                  |

ITS Testing & Certification Limited  
 ITS House, Cleeve Road, Leatherhead, Surrey, KT22 7SB  
 Tel: + 44 (0)1372 370900 Fax: +44 (0)1372 370977  
<http://www.etlsemko.com/uk>  
 Registered No 3272281 Registered Office: 25 Savile Row London W1X 1AA

This Certificate is the property of ITS Testing and Certification Ltd  
 and is subject to ITS Testing and Certification Conditions for Granting Certification

# **ITS** Intertek Testing Services

13. **Schedule**
14. EC-TYPE EXAMINATION CERTIFICATE NUMBER ITS02ATEX3047X

19. **DRAWINGS**

| Number             | Issue | Date       | Description                           |
|--------------------|-------|------------|---------------------------------------|
| 4-L120/18          | 5     | 29/10/2002 | L40 Hot stamped details for case      |
| L120/20E (Sheet 1) | 27    | 05/11/2001 | L40 Case marking Details              |
| L120/20E (Sheet 2) | 27    | 05/11/2001 | L40 Case Marking Details              |
| 2-L 120/28A        | 14    | 16/04/1998 | L40 cover                             |
| 3-L120/49E         | 16    | 22/03/1983 | L40 Case & Test Rivet Assy            |
| 2-L120/69B         | 7     | 26/10/1987 | Container cover                       |
| L150/12D           | 11    | 05/11/2001 | L40 Dome                              |
| L164               | 14    | 05/11/2001 | L40 Aqualite & Mk2 Container Assembly |
| L164/1             | 18    | 05/11/2001 | Aqualite                              |
| 2-L164/2           | 7     | 04/08/1988 | L40 Case Assembly                     |

ITS Testing & Certification Limited  
ITS House, Cleeve Road, Leatherhead, Surrey, KT22 7SB  
Tel: +44 (0)1372 370900 Fax: +44 (0)1372 370977  
<http://www.itsernko.com/uk>  
Registered No 3272281 Registered Office: 25 Savile Row London W1X 1AA

This Certificate is the property of ITS Testing and Certification Ltd  
and is subject to ITS Testing and Certification Conditions for Granting Certification

**Intertek** ETL SEMKO



1. SUPPLEMENTARY EC TYPE-EXAMINATION CERTIFICATE
2. Equipment or Protective System Intended for use in Potentially Explosive Atmospheres Directive 94/9/EC
3. Supplementary EC-Type Examination Certificate Number: ITS02ATEX3047X/1
4. Equipment or Protective System: TYPE L40 WATER ACTIVATED LIFEBOUY LIGHT
5. Manufacturer: McMURDO LIMITED
6. Address: Hilsea, Portsmouth, PO3 5PB
7. This supplementary certificate extends EC-Type Examination Certificate No. ITS02ATEX3047X to apply to equipment or protective system designed and constructed in accordance with the specification set out in the Schedule of the said Certificate but having any variations specified in the Schedule attached to this certificate and the documents therein referred to.

This Supplementary Certificate shall be held with the original Certificate.

This certificate may only be reproduced in its entirety and without any change, schedule included.

Intertek File Ref 02007787

R M Adams  
Deputy Certification Manager  
12 November 2003

Intertek Testing & Certification Limited  
Intertek House, Cleeve Road, Leatherhead, Surrey, KT22 7SB  
Tel: +44 (0)1372 370900 Fax: +44 (0)1372 370977  
<http://www.etlsemko.com/uk>  
Registered No 3272281 Registered Office: 25 Savile Row London W1X 1AA

This Certificate is the property of Intertek Testing and Certification Ltd  
and is subject to Intertek Testing and Certification Conditions for Granting  
Certification.

## Schedule

1. EC-TYPE EXAMINATION CERTIFICATE NUMBER ITS02ATEX3047X/1
2. Description of the Variation to the Equipment or Protective System

To permit modifications to the container assembly and label drawings.  
The modifications do not impair Increased Safety and Intrinsic Safety of the equipment.

### DRAWINGS

| Number   | Issue | Date     | Description                              |
|----------|-------|----------|--|
| L164     | 15    | 24/12/02 | L40 Aqualite & Mk2<br>Container Assembly |
| 64-7004D | 1     | 24/12/02 | Warning Label                            |
| 64-7005D | 1     | 24/12/02 | L40 Type Approval Label                  |

### SPECIAL CONDITIONS FOR SAFE USE

See original certificate

### Essential Health and Safety Requirements

See original certificate

Intertek Testing & Certification Limited  
Intertek House, Cleeve Road, Leatherhead, Surrey, KT22 7SB  
Tel: + 44 (0)1372 370900 Fax: +44 (0)1372 370977  
<http://www.etlsemko.com/uk>  
Registered No 3272281 Registered Office: 25 Savile Row London W1X 1AA

This Certificate is the property of Intertek Testing and Certification Ltd  
and is subject to Intertek Testing and Certification Conditions for Granting  
Certification.



**Intertek ETL SEMKO**

1. **SUPPLEMENTARY EC-TYPE EXAMINATION CERTIFICATE**
2. **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres Directive 94/9/EC**
3. Supplementary EC-Type Examination Certificate Number: **ITS02ATEX3047X/2**
4. Equipment or Protective System: **TYPE L40 WATER ACTIVATED LIFEBOUY LIGHT**
5. Manufacturer: **McMURDO LIMITED**
6. Address: **Hilsea, Portsmouth, PO3 5PB**
7. This supplementary certificate extends EC-Type Examination Certificate Number ITS02ATEX3047X to apply to equipment or protective systems designed and constructed in accordance with the specification set out in the Schedule of the said Certificate but having variations specified in the Schedule attached to this certificate and the documents therein referred to.

Intertek Ref 05016178

This Supplementary Certificate shall be held with the original Certificate

**R M Adams**  
**Certification Manager**  
**25 February 2005**

**Intertek Testing & Certification Limited**  
**Intertek House, Cleeve Road, Leatherhead, Surrey, KT22 7SB**  
**Tel: + 44 (0) 1372 370900 Fax: +44 (0) 1372 370977**  
**<http://www.uk.intertek-etlsemko.com>**  
**Registered No 3272281 Registered Office: 25 Savile Row London W1X 1AA**

This Certificate is the property of Intertek Testing and Certification Ltd and is subject to Intertek Testing and Certification Conditions for Granting Certification.

# Intertek ETL SEMKO

## Schedule

SUPPLEMENTARY EC-TYPE EXAMINATION CERTIFICATE NUMBER ITS02ATEX3047X/2

### VARIATION TWO

#### Description of the Variation to the Equipment or Protective System.

To permit the following changes:

- a) Minor mechanical modifications and fractional dimensions changed to the nearest decimals and in mm.
- b) Minor changes to the certification label text.

The above changes do not affect the original assessment.

#### Report No.

Intertek Ref 05016178

#### SPECIAL CONDITIONS FOR SAFE USE

As original certificate

#### Essential Health and Safety Requirements

See original certificate

#### DRAWINGS

| Number     | Issue | Date       | Description             |
|------------|-------|------------|-------------------------|
| L120-65B   | 8     | 15/10/2004 | Container MKII Part B   |
| 2-L120-69B | 8     | 10/01/2005 | Container Cover         |
| 64-7005D   | 3     | 15/07/2004 | L40 Type Approval Label |

Intertek Testing & Certification Limited  
Intertek House, Cleeve Road, Leatherhead, Surrey, KT22 7SB  
Tel: + 44 (0) 1372 370900 Fax: +44 (0) 1372 370977  
<http://www.uk.intertek-etlsemko.com>  
Registered No 3272281 Registered Office: 25 Savile Row London W1X 1AA

This Certificate is the property of Intertek Testing and Certification Ltd  
and is subject to Intertek Testing and Certification Conditions for Granting Certification.

# Intertek Industrial

## Schedule

SUPPLEMENTARY EC-TYPE EXAMINATION CERTIFICATE NUMBER ITS02ATEX3047X/3

### VARIATION THREE

#### Description of the Variation to the Equipment or Protective System.

To permit minor mechanical changes for ease of production.

The above changes do not affect the original assessment.

#### Report No.

Intertek Ref 05017560

### SPECIAL CONDITIONS FOR SAFE USE

As original certificate

#### Essential Health and Safety Requirements

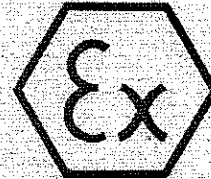
See original certificate

### DRAWINGS

| Number         | Issue | Date       | Description                   |
|----------------|-------|------------|-------------------------------|
| 2-L120/28A     | 15    | 08/08/2005 | L40 Cover                     |
| L150-12-D      | 13    | 17/11/2005 | L40 Dome                      |
| 3-L120/57A     | 17    | 11/08/2005 | L40 Cover Lampholder Assembly |
| 659-5AD-0001-D | 9     | 14/09/2005 | Lampholder Base               |
| L120/26        | 7     | 14/09/2005 | Plate Retainer                |
| L164/6D        | 6     | 12/09/2005 | Plate Blank                   |

Intertek Testing & Certification Limited  
Intertek House, Cleeve Road, Leatherhead, Surrey, KT22 7SB  
Tel: + 44 (0) 1372 370900 Fax: +44 (0) 1372 370977  
<http://www.uk.intertek-etlsemko.com>  
Registered No 3272281 Registered Office: 25 Savile Row London W1X 1AA

This Certificate is the property of Intertek Testing and Certification Ltd  
and is subject to Intertek Testing and Certification Conditions for Granting Certification.



# Intertek Industrial

1. **SUPPLEMENTARY EC-TYPE EXAMINATION CERTIFICATE**
2. **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres Directive 94/9/EC**
3. Supplementary EC-Type Examination Certificate Number: **ITS02ATEX3047X/3**
4. Equipment or Protective System: **TYPE L40 WATER ACTIVATED LIFEBOUY LIGHT**
5. Manufacturer: **McMURDO LIMITED**
6. Address: **Hilsea, Portsmouth, PO3 5PB**
7. This supplementary certificate extends EC-Type Examination Certificate Number ITS02ATEX3047X to apply to equipment or protective systems designed and constructed in accordance with the specification set out in the Schedule of the said Certificate but having variations specified in the Schedule attached to this certificate and the documents therein referred to.

Intertek Ref 05017560

This Supplementary Certificate shall be held with the original Certificate

A T Austin  
Head of Department  
28 November 2005

Intertek Testing & Certification Limited  
Intertek House, Cleeve Road, Leatherhead, Surrey, KT22 7SB  
Tel: + 44 (0) 1372 370900 Fax: +44 (0) 1372 370977  
<http://www.uk.intertek-etlsemko.com>  
Registered No 3272281 Registered Office: 25 Savile Row London W1X 1AA

This Certificate is the property of Intertek Testing and Certification Ltd and is subject to Intertek Testing and Certification Conditions for Granting Certification.