

Epsilon Compliance Services  
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# EPSILON

## ATEX Category 3 Certificate

- 2 Equipment intended for use in potentially explosive atmospheres
- 3 Certificate Number: EPSILON 06 ATEX 2098X
- 4 Equipment: Guardian Spacelight
- 5 Manufacturer: Nitech Limited
- 6 Address: 4-6 Highfields Business Park  
Churchfields Industrial Estate  
St. Leonards-on-Sea  
East Sussex TN38 9UB
- 7 This equipment and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.
- 8 Epsilon certifies that this equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to design and construction of equipment and protective systems for use in potentially explosive atmospheres given in Annex II to the directive 94/9/EC.
- The examination and test results are recorded in confidential report no RETS(A)1605/A/1 and /A/2.
- Epsilon accepts no responsibility for the accuracy or completeness of declarations made by the manufacturer and detailed in the above report, on which aspects of the evaluation may be based.
- 9 Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
- BS EN 60079-0:2006, BS EN 60079-15:2005 and BS EN 50281-1-1:1999
- 10 If the sign "X" is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified in the schedule to this certificate.
- 11 Certificate relates only to the design, examination and tests of the specified equipment or protective system in accordance to the Directive 94/9/EC
- 12 The marking of the equipment shall include the following:

 II 3 G D Ex nA nL IIC T4 T81C

On behalf of Epsilon

S L Clarke  
Director

Date: 27 February 2007



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## ATEX Category 3 Certificate Schedule

Certificate Number: EPSILON 06 ATEX 2098X

### Equipment Description:

The Guardian Spacelight is a transportable battery powered floodlight. It consists of a battery enclosure and light head which are interconnected by a coiled cable passing through a cable gland on each enclosure. Within the battery enclosure is a 12V 17Ah Sealed Valve regulated lead acid battery complete with a 5A non-sparking polyswitch fuse. The light head incorporates a socket with a removable threaded lanyard mounted cover to allow for charging of the battery. Within the light head are two 11W fluorescent tubes powered by two 12V electronic ballasts and a low power alarm circuit to warn the user of low battery life and prevent deep discharge of the battery. Light is transmitted through an Injection moulded polycarbonate lens. The light is operated by a double pole double throw switch which has been assessed as energy limited. The overall dimensions of the unit are 264 x 245 x 550mm with the light head angled to full height. The apparatus has been tested for Ingress protection and meets the requirements of IP65. It has been certified for use in Zone 2 for gas environments and Zone 22 for dust environments.

### Drawings:

Number	Rev	Sheet	Date	Title
Nitech EPS 2006A	2	1 of 1	15 Dec 06	ATEX Guardian - Lighthouse
Nitech EPS 2006B	1	1 of 1	15 Dec 06	ATEX Guardian - Battery Pack
Nitech EPS 2006C	1	1 of 1	15 Dec 06	ATEX Guardian - Lighthouse Shell
Nitech EPS 2006D	1	1 of 1	15 Dec 06	ATEX Guardian - Lighthouse Lens
Nitech EPS 2006E	1	1 of 1	15 Dec 06	ATEX Guardian - Battery Enclosure Shell
Nitech EPS 2006F	1	1 of 1	15 Dec 06	ATEX Guardian - Battery Enclosure Cover
EPS2006F	N/A	1 of 1	26 Jan 07	Ex nA nL ATEX Label - ATEX Guardian Label

### Conditions of Certification

1. None

### Special Conditions of Certification:

1. Clean with water or a damp cloth only.