



## 1. TYPE EXAMINATION CERTIFICATE

### 2. Equipment or Protective System Intended for use in Potentially Explosive Atmospheres

3. Type Examination Certificate Number: **ITS10ATEX27129**

4. Equipment or Protective System: **EFLARE COMPACT WARNING BEACON**

5. Manufacturer: **EFLARE CORPORATION PTY LIMITED**

6. Address: **Level 1, 222 St Kilda Road, St Kilda, VIC 3182, Australia**

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 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 94/9/EC of 23 March 1994

The examination and test results are recorded in confidential Report Ref 10047053 Issue 1, dated September 2010.

9. Compliance with the Essential Health and Safety Requirements has been assured by compliance with standards EN 60079-0:2009 and EN 60079-11:2007 except in respect of those requirements referred to at item 16 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 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 3 G Ex ic IIC T4 Gc

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

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

A T Austin  
Certification Officer  
Date: 7 October 2010

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.



**SCHEDULE****TYPE EXAMINATION CERTIFICATE NUMBER: ITS10ATEX27129****13. Description of Equipment or Protective System**

The Eflare Compact Warning Beacon is battery powered equipment with options for different colours and whether the beacon flashes or it is continuously lit.

The Eflare Compact Warning Beacon may be one of the types:

350 Series: LED colours available in Red or Amber

500/600 Series: LED colours available in Red, Amber, Blue, Green, or White in either single or combination.

700 Series: LED colours available in Red, Amber, Blue, Green, or White in either single or combination.

800 Series: LED colours available in Red, Amber, Blue, Green, or White in either single or combination.

EN800 BAST Series: LED colours available in Red or Amber

800 Aviation Series: LED colours available in Red, Amber, Blue, Green, or White in either single or combination.

The Compact Warning Beacon comprising printed circuit board containing electronic components and either two D size alkaline cells or four AA size alkaline cells are housed in a cylindrical moulded plastic enclosure. The enclosure provides a degree of protection IP66.

The Eflare Compact Warning Beacon is powered by either Energizer Industrial Type E91 (AA size) or MN1300 (D size), or Duracell Procell Type PC1500 (AA size) or PC1300 (D size), or Varta Type MN1500 (AA size) or MN1300 (D size) cells.

The cells must only be replaced in the non-hazardous area.

**14. Report Number**

Intertek Report Ref 10047053 Issue 1, dated September 2010.

**15. CONDITIONS OF CERTIFICATION:****a. Special Conditions for safe use**

There are no special conditions for safe use.

**b. Conditions For Use (Routine Tests)**

There are no routine tests

**16. Essential Health and Safety Requirements (EHSR's)**

The relevant EHSR's that have not been addressed by the standards listed in this certificate have been identified and assessed in Intertek Report Ref 10047053 Issue 1, dated September 2010.

**Intertek Testing & Certification Limited**  
**Intertek House, Cleeve Road, Leatherhead, Surrey, KT22 7SB**  
**Tel: + 44 (0)1372 370900 Fax: +44 (0)1372 370977**  
<http://www.intertek.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 .





## SCHEDULE

TYPE EXAMINATION CERTIFICATE NUMBER: ITS10ATEX27129

### 17. DRAWINGS

Number	Issue	Date	Description
EEFP001A-0	A	-	EF350 Exploded Drawing
EEFP005A-0, sheets 1 & 2	A	-	EF500 Exploded Drawing
EEFP007A-0, sheets 1 & 2	A	-	EF700 Exploded Drawing
EEFP008A-0, sheets 1 & 2	A	-	EF800 Exploded Drawing
EEFL001A-0	A	-	Eflare Warning Label- Certification Details
SCHP04_350_01JUN10	04	01 Jun 10	Schematic EF350
PCB01_350_01JUN10, Sheets 1 to 4	01	01 June 2010	PCB Details for EF350
350 Series BOM, sheets 1 to 4	P03	22 Dec 2009	Production Bill of Materials – 350 Series Units
SCHP03_500600_01JUN10	P03	01 Jun 10	Schematic EF500 600
PCB07_500600_10JUN10, Sheets 1 to 4	07	10 June 2010	PCB Details for EF500 / EF600
500 & 600 Series BOM, sheets 1 to 8	P06	11 March 2010	Production Bill of Materials – 500 & 600 Series Units
SCHD04_700_01JUN10	04	01 Jun 10	Schematic EF700
PCB02_700_11JUN10, Sheets 1 to 4	02	11 June 2010	PCB Details for EF700
700 Series BOM, sheets 1 to 9	D05	11 March 2010	Development Bill of Materials for 700 Series Units
SCHD03_800_01JUN10	03	01 Jun 10	Schematic EF800 Aviation
PCB04_800_23JUN10, Sheets 1 to 4	04	23 June 2010	PCB Details for EF800
800 Series BOM, sheets 1 to 13	D03	15 March 2010	Development Bill of Materials - 800 Series Units
SCHD02_800Aviation_01JUN10	02	01 Jun 10	Schematic EF800 Aviation
PCBD05_800Aviation_24JUN10, Sheets 1 to 4	05	24 June 2010	PCB Details for EF800 Aviation
800 Series BOM, sheets 1 to 3	D04	11 March 2010	Development Bill of Materials 800Aviation Series
SCHD05_800BAST_01JUN10	05	01 Jun 10	Schematic EF800 BAST
PCB02_800BAST_11JUN10, Sheets 1 to 4	02	11 June 2010	PCB Details for EF800BAST
800 BAST Series BOM, sheets 1 to 3	D06	11 March 2010	Development Bill of Materials - EN800 BAST
EEFL002A-0	-	17 Sep 2010	EFLARE Instruction Label- D Size cells
EEFL003A-0	-	17 Sep 2010	EFLARE Instruction Label- AA Size cells
EEFL004A-0	-	17 Sep 2010	EFLARE Instruction Label- D Size cells

*This Certificate is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Certificate. Only the Client is authorized to permit copying or distribution of this Certificate and then only in its entirety. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek.*

**Intertek Testing & Certification Limited**

**Intertek House, Cleeve Road, Leatherhead, Surrey, KT22 7SB**

**Tel: + 44 (0)1372 370900 Fax: +44 (0)1372 370977**

<http://www.intertek.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 .