



EC-TYPE EXAMINATION CERTIFICATE

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

EC-Type Examination Certificate Number : **BAS01ATEX2310**

Equipment or Protective System: **A TYPE 261E EMERGENCY LUMINAIRE**

Manufacturer: **CHALMIT LIGHTING**

Address: **388 Hillington Road, Glasgow, G52 4BL**

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

The Electrical Equipment Certification Service, notified body number 600 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 N°

01(C)0558/4 dated 16 January 2002

Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
EN 50014: 1997 + Amds 1 & 2 EN 50018: 2000 EN 50019: 2000
except in respect of those requirements listed at item 18 of the Schedule.

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.

This EC-TYPE EXAMINATION CERTIFICATE relates only to the design and construction of the specified equipment or protective system. If applicable, further requirements of this Directive apply to the manufacture and supply of this equipment or protective system.

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

II 2 G EEx de IIB T4

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

File No: **EECS 0068/01/019**

This certificate is granted subject to the general conditions of the Electrical Equipment Certification Service. It does not necessarily indicate that the apparatus may be used in particular industries or circumstances.



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I M CLEARE
DIRECTOR
22 January 2002



13 **Schedule**

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15 **Description of Equipment or Protective System**

A Type 261E Emergency Luminaire comprises circular body and cover manufactured from aluminium, brass or gunmetal. The cover is fitted with a wellglass sealed with silicone cement, and the body has an integral increased safety terminal compartment. Line bushings are provided between the terminal enclosure and the main enclosure.

The luminaire can be fitted with 70W SON, or MBI lamps and the associated control gear, also houses control and charging units to charge batteries located elsewhere, and is rated up to 220V-260V a.c 50/60 Hz. Alternatively the luminaire can be supplied without the charging circuit and alternative control unit to produce a slave unit rated 24V d.c.

Internal and external earth facilities are provided.

16 **Report No.**

BASEEFA Certification Report No. 01(C)0558/4 dated 16 January 2002.

17 **Special Conditions For Safe Use**

None.

18 **Essential Health and Safety Requirements**

Essential Health and Safety Requirements not covered by Standards listed at (9)		
Clause	Subject	Compliance
1.0.2	Analysis of possible operating faults	Manufacturer's Instructions
1.0.3	Special checking and maintenance conditions	No special requirements
1.0.6	Instructions	Manufacturer's Instructions
1.2.2	Components for incorporation or replacement	No user serviceable parts
1.2.4	Dust deposits	Certification for gas atmospheres only
1.2.5	Additional means of protection	Not applicable
1.2.7	Protection against other hazards	BASEEFA Report No. 01(C)0558/4
1.3.5	Hazards arising from pressure compensation	Not applicable
1.5.	General requirements for safety devices	Not applicable
1.6.1	Manual override	Not applicable
1.6.2	Emergency shutdown	Not applicable
1.6.3	Hazards arising from power failure	Not applicable
1.6.5	Placing of warning devices as parts of equipment	Not applicable
2.0.	Category M	Not applicable
2.1.	Category 1	Not applicable
2.2.1	Category 2G	BASEEFA Report No. 01(C)0558/4



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Essential Health and Safety Requirements not covered by Standards listed at (9)		
Clause	Subject	Compliance
2.2.2	Category 2D	Not applicable
2.3.	Category 3	Not applicable
3.	Requirements for protective systems	Not applicable

19 **DRAWINGS**

Number	Sheet	Issue	Date	Description
D2060	1	-	30.08.01	General Assembly - Type 261E Emergency Luminaire
D2060	2	-	30.08.01	General Assembly - Type 261E Emergency Luminaire
D2060	3	-	30.08.01	General Assembly - Type 261E Emergency Luminaire
*D2062	1	-	14.09.01	Glazing Data - Types 216, 238, 261, & 261E Luminaires

* This drawing is common to certificates BAS01ATEX2307, BAS01ATEX2308, BAS01ATEX2309, held on EECS files 0068/01/016, 0068/01/017, and 0068/01/018 respectively, and is held on EECS file 0068/01/016.

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BASEEFA List Keywords
2EMERLUM