

1 **EU - Type Examination Certificate**

2 Equipment intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU

3 Certificate Number: ExVeritas 16 ATEX 0181 X Issue: 2

4 Equipment: Ex e Fluorescent Luminaire RB 236

5 Manufacturer: Robustex Electric Production Drilling Equipment Ind. And Trade Co. Ltd.

6 Address: Başkent Organize Sanayi Bölgesi  
R. Tayyip Erdoğan Bulvarı No:17 - Malıköy/Temelli  
Ankara, Turkey.

7 This equipment and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.

8 ExVeritas, Notified Body number 2585 in accordance with Article 9 of the Council Directive 2014/34/EU of 26 February 2014, 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.

9 Compliance with the applicable Essential Health and Safety Requirements has been assured by compliance with the following Standards and section 16 of this certificate:

EN 60079-0: 2012 + A11: 2013.  
EN 60079-7: 2007.

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 This EU-Type Examination Certificate relates only to the design, construction, examination and tests of the specified equipment or protective system in accordance to the Directive 2014/34/EU. 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 shall include the following:

 II 2 G Ex e d mb IIC T4 Gb T<sub>amb</sub> -20 °C to +55 °C



No. 8613



This certificate may only be reproduced in its entirety and without any change, schedule included.  
The certificate is only valid when it carries an original signature.

For help or assistance relating to this certificate, contact [info@exveritas.com](mailto:info@exveritas.com).  
ExVeritas, Units 16-18, Abenbury Way, Wrexham Industrial Estate, Wrexham, United Kingdom LL13 9UZ.  
ExVeritas® is a registered trademark, unauthorised use will lead to prosecution.

## Schedule

### 13 Description of Equipment or Protective System

The luminaire is a twin tube fluorescent light which comprises of a polycarbonate diffuser and polyester main body. The two parts are locked using a hinge and metal clip arrangement which require a tool to open. The control gear is mounted onto a metal tray which also holds the lamp holders. The ratings for the luminaire are:

Lamps = 2 x 36W                      Voltage = 220/240V                      Frequency = 50/60Hz

The internal components (ballast, lamp holders, re-lamping switch, terminals) are all ATEX certified components.

#### 13.1 Details of changes

#### Issue 2

- Permits the luminaire to be fitted with or without the re-lamping disconnect Ex d microswitch. When not fitted the certification coding and warnings are changed. The coding becomes: Ex e mb IIC T4 Gb Tamb -20 °C to +55 °C and the additional warning states: 'WARNING – DO NOT OPEN WHEN ENERGIZED'.

### 14 Descriptive Documents

#### 14.1 Associated Report and Certificate History:

Report Number	Cert Issue Date	Issue	Comment
EXR0376/A/1	18.08.2016	1	Initial issue of the Prime Certificate
EXR0376/A/2	16.01.2018	2	Issue of first variation

#### 14.2 Compliance Drawings:

##### Issue 1

Number	Date	Issue	Description
RBSTX-011-3	09.02.2016	2	Reflector
RBSTX-012-4	09.02.2016	3	Polyester Lower Body
RBSTX-013-3	09.02.2016	2	Ballast Mounting Plate
RBSTX-014-3	09.02.2016	2	F-Shape Mounting Base
RBSTX-015-3	09.02.2016	2	Sealing Gasket
RBSTX-016-3	09.02.2016	2	M 25 Gland Slot
RBSTX-017-3	09.02.2016	2	Metallic Clamp
RBSTX-018-3	09.02.2016	2	Plastic Cover for Hinges
RBSTX-019-3	09.02.2016	2	Plastic Supports
RBSTX-020-5	09.02.2016	4	Polycarbonate Diffuser
RBSTX-FRM-24	17.08.2016	2	Label Model of Robustex Electric
RBSTX-FRM-23	10.08.2016	0	Bill of Materials used in 2x36w Ex e Fluorescent of Robustex

##### Issue 2

Number	Date	Issue	Description
RBSTX-FRM-24	10-12-2017	5	Label Model of Robustex Electric
RBSTX-FRM-24	10-12-2017	3	Label Model of Robustex Electric

Certificate 16 ATEX 0181 X                      Issue 2

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

For help or assistance relating to this certificate, contact [info@exveritas.com](mailto:info@exveritas.com).

ExVeritas, Units 16-18, Abenbury Way, Wrexham Industrial Estate, Wrexham, United Kingdom LL13 9UZ.

ExVeritas® is a registered trademark, unauthorised use will lead to prosecution.



## Schedule

15 Conditions of Certification

15.1 Special Conditions for Safe Use

Electrostatic hazard please refer to the manufacturer's instructions.

15.2 Conditions for Use

The dielectric strength between conductors (positive and neutral) and earth shall be verified by a test.

The test shall be performed in accordance with clause 6.1 of EN60079-7:2007.

16 Essential Health and Safety Requirements

Essential Health and Safety Requirements are addressed by the standards listed in section 9 and where required the report listed in section 14.1.

The manufacturer shall inform the Notified Body of any modifications to the design of the product described by this schedule.

Certificate 16 ATEX 0181 X Issue 2

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

For help or assistance relating to this certificate, contact [info@exveritas.com](mailto:info@exveritas.com).

ExVeritas, Units 16-18, Abenbury Way, Wrexham Industrial Estate, Wrexham, United Kingdom LL13 9UZ.

ExVeritas® is a registered trademark, unauthorised use will lead to prosecution.