

1 **EU - Type Examination Certificate**

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

3 Certificate Number: ExVeritas 17 ATEX 0288 X Issue: 1

4 Equipment: LED Luminaire Range: RB250 LED, RB150 LED, RB230 LED.

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	EN60079-18: 2009*
EN 60079-7: 2007	EN60079-28: 2007*
EN 60079-31: 2014	*The edition that the component certificates were issued.

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 eb mb op is IIC T4 Gb
II 2 D Ex tb IIIC T135 Db



No. 8613

On behalf of ExVeritas



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The certificate is only valid when it carries an original signature.

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

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Schedule

13 Description of Equipment or Protective System

The luminaire comprises of LED strip lights with 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 LED control gear and LED strips are mounted internally on to metal mounting plates, these components have individual ATEX approval.

Ratings are:

RB250 LED = 2 X 50W, RB150 LED = 1 X 50W, RB230 LED = 2 X 30W.

Rated Voltage: 220/240V

Frequency: 50/60Hz

14 Descriptive Documents

14.1 Associated Report and Certificate History:

Report Number	Cert Issue Date	Issue	Comment
EXV/11105/A/2	2018.05.11	1	Dust approval added

14.2 Compliance Drawings: Issue 0

Number	Date	Issue	Description
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-L-120-0	17.05.2017	0	1 x 50W LED Design
RBSTX-L-130-0	17.05.2017	0	2 x 30W LED Design
RBSTX-L-101-0	17.05.2017	0	2 x 50W LED Design
RBSTX-FRM-53	05.10.2017	00	Certification Label
RBSTX-FRM-56	05.10.2017	00	Certification Label
RBSTX-FRM-59	05.10.2017	00	Certification Label
RBSTX-FRM-60	05.10.2017	00	Certification Label
RBSTX-FRM-52	05.10.2017	00	Certification Label
RBSTX-FRM-55	05.10.2017	00	Certification Label
RBSTX-FRM-61	05.10.2017	00	Certification Label
RBSTX-FRM-62	05.10.2017	00	Certification Label
RBSTX-FRM-51	05.10.2017	00	Certification Label
RBSTX-FRM-54	05.10.2017	00	Certification Label
RBSTX-FRM-57	05.10.2017	00	Certification Label
RBSTX-FRM-58	05.10.2017	00	Certification Label

Certificate 17 ATEX 0288X Issue 1

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Schedule

14.2.1 Compliance Drawings: Issue 1

Number	Date	Issue	Description
RBSTX-FRM-53	09.10.2018	01	Certification Label
RBSTX-FRM-52	09.10.2018	01	Certification Label
RBSTX-FRM-51	09.10.2018	01	Certification Label

15 Conditions of Certification

15.1 Special Conditions for Safe Use

- Electrostatic hazard please refer to the manufacturer's instructions.
- Dust layers >5 mm are not permitted on surface of the enclosure.

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.

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1 **EU - Type Examination Certificate**

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

3 Certificate Number: ExVeritas 19 ATEX 0449 X Issue: 0

4 Equipment: LED Emergency Luminaire Range:
RB150LED EM3H, RB250LED EM3H and RB230LED EM2H.

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	EN60079-18: 2009*
EN 60079-7: 2007	EN60079-28: 2007*
EN 60079-31: 2014	EN60079-1: 2014*

*The edition that the component certificates were issued.

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 db eb mb op is IIC T4 Gb

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Schedule

13 Description of Equipment or Protective System

The luminaire comprises of LED strip lights with 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 LED Control Gear, LED Array Strips, Emergency Battery Unit and Re-lamping Microswitch are mounted internally, these components have individual ATEX approval.

Ratings are:

RB150LED EM3H = 1 X 50W, RB250LED EM3H = 2 X 50W, RB230LED EM2H = 2 X 30W.

Rated Voltage: 220/240V Frequency: 50/60Hz

14 Descriptive Documents

14.1 Associated Report and Certificate History:

Report Number	Cert Issue Date	Issue	Comment
EXV/1105/A/3	03.07.2019	0	Initial Issue

14.2 Compliance Drawings: Issue 0

Number	Date	Issue	Description
RBSTX-011-2	04.05.2016	2	Reflector
RBSTX-012-3	04.05.2016	3	Polyester Lower Body
RBSTX-013-3	22.09.2017	3	Ballast Mounting Plate
RBSTX-014-3	22.09.2017	3	F Shape Mounting Plate
RBSTX-015-2	04.05.2016	2	Sealing Gasket
RBSTX-016-2	04.05.2016	2	M25 Gland Slot
RBSTX-017-2	04.05.2016	2	Metallic Clamp
RBSTX-018-2	04.05.2016	2	Plastic Cover For Hinges
RBSTX-019-2	04.05.2016	2	Plastic Supports
RBSTX-020-4	04.05.2016	4	Polycarbonate Diffuser
RBSTX-051-0	31.01.2018	0	Electrical Diagram RB 150 LED EM3H
RBSTX-052-0	31.01.2018	0	Electrical Diagram RB 250 LED EM3H
RBSTX-053-0	31.01.2018	0	Electrical Diagram RB 230 LED EM3H
RBSTX-L-101-0	05.10.2017	0	2 x 50W LED Design
RBSTX-L-111-0	05.10.2017	0	Battery Enclosure
RBSTX-L-118-0	25.11.2018	0	2 x 50W LED Design Mounting Design
RBSTX-L-119-0	25.11.2018	0	2 x 50W LED Design Mounting Design
RBSTX-L-120-0	25.11.2018	0	2 x 50W LED Design Mounting Design
RBSTX-L-115-0	25.11.2018	0	1 x 50W LED Design Mounting Design
RBSTX-L-116-0	25.11.2018	0	1 x 50W LED Design Mounting Design
RBSTX-L-117-0	25.11.2018	0	1 x 50W LED Design Mounting Design
ROBUSTEX-L-102-0	05.10.2017	0	1 x 50W LED Design
RBSTX-L-121-0	25.11.2018	0	2 x 30W LED Design Mounting Design
RBSTX-L-122-0	25.11.2018	0	2 x 30W LED Design Mounting Design
RBSTX-L-123-0	25.11.2018	0	2 x 30W LED Design Mounting Design
ROBUSTEX-L-103-0	05.10.2017	0	2 x 30W LED Design
RBSTX-FRM-65-0	25.11.2018	0	Label RB 150LED EM3H
RBSTX-FRM-66-0	25.11.2018	0	Label RB 250LED EM3H
RBSTX-FRM-67-0	25.11.2018	0	Label RB 230LED EM3H

Certificate 19 ATEX 0449X Issue 0

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