

[1] **EC – TYPE EXAMINATION CERTIFICATE**

[2] Equipment and Protective Systems Intended for use in Potentially Explosive Atmospheres
Directive 94/9/EC

[3] EC-Type Examination Certificate Number: **EXA 13 ATEX 0015** Issue: 1

[4] Equipment or Protective System: **Fluorescent lamp fitting**

Type: **SIF 236/436**

[5] Manufacturer: **TEP Ex d.o.o.**

[6] Address: **Medarska 69, 10090 Zagreb, Hrvatska**

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

[8] Ex-Agencija, Notified Body number 2465 according to 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 or protective system intended for use in potentially explosive atmospheres given in Annex II of the Directive.

The examination and test results are recorded in confidential report number: **EXA 13CR031**

[9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN 60079-0:2012
EN 60079-18:2009

EN 60079-1:2007
EN 60079-31:2009

EN 60079-7:2007

except in respect of those requirements listed at item 18 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 specific conditions for safe use specified in the schedule to this certificate.

[11] This EC-Type Examination Certificate relates only to the design, examination and test of the specified equipment or protective system. 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 2G Ex d e mb IIC T4 Gb
II 2D Ex tb IIIC T80°C Db

Date: 17.02.2014.

PB.13.TC.1185/AH

Prepared:

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Ex-Agencija
Department of equipment certification
Approved:

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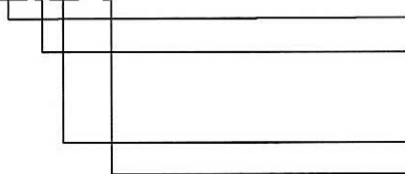
[13] **SCHEDULE**

[14] **EC - TYPE EXAMINATION CERTIFICATE No.: EXA 13 ATEX 0015**

[15] **Description of Equipment or Protective System**

Light fitting is designed in type of protection increased safety "e". The following components are built inside of enclosure: Ex d e interlocking switch, Ex e lamp holders, Ex e mb electronic ballast, Ex e terminals.

SIF .36 -



basic type code

number of fluorescent lamps

- 2 – two fluorescent lamps
- 4 – four fluorescent lamps

power of fluorescent lamps

method of assembly

- 1 – pendant light fitting
- 2 – mounting light fitting for clean area

Rated data

Rated voltage	230 V; 50 Hz
Power	2×36 W / 4×36 W
Ambient temperature	-20°C do +50°C

[15.1] **Documentation**

Title:	Drawing No.:	Rev. level:	Date:
Technical description of ex-protected fluorescent light fitting type SIF .36-.	-	-	09.12.2013
Certification drawing of fluorescent light fitting 436/236	T 14.10.01.00-1	-	09.12.2013
Certification drawing of fluorescent light fitting 436/236	T 14.10.01.00-2	-	09.12.2013
Certification drawing of fluorescent light fitting 436/236	T 14.10.01.00-3	-	09.12.2013
Description of certification drawing	-	-	09.12.2013
Instructions for use of ex-protected fluorescent light fitting type SIF .36-.	-	-	09.12.2013

[16] **Confidential Report No. EXA 13CR031**

[16.1] **Routine testing**

The manufacturer shall carry out the following routine tests:
 -dielectric strenght with test voltage: (2Un+1000)V in period of 1 min or 1,2×(2Un+1000)V at least 3 to 5 sec.

[17] **Specific Conditions for Safe Use 'X'**

None

[18] **Essential Health and Safety Requirements**

Covered by the standards listed at item 9.