




## EU-TYPE EXAMINATION CERTIFICATE

- 1)
- 2) Equipment or protective system intended for use in potentially explosive atmospheres — Directive 2014/34/EU
- 3) EU-Type Examination Certificate Number : **SCA19ATEX015X**
- 4) Equipment or Protective System : TUBULAR FLUORESCENT LAMP, TYPE:ZNF.X SERIES
- 5) Manufacturer : ZONE ELEKTRİK MAK. MÜH. İMALAT SAN. TİC. LTD. ŞTİ.
- 6) Manufacturer Address : Güzeller Mah. 914 Sk. No:36/A Gebze-Kocaeli/TURKEY
- 7) This equipment or protective system and/or any acceptable variation there to is specified in the schedule to this certificate and the documents therein referred to.
- 8) SCA Belgelendirme ve Özel Egt. Hizm. Ltd. Sti. Notified Body number 2336 in accordance with the Council Directive 2014/34/EU, certifies that this equipment 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 2014/34/EU.  
  
\* The examination and test results are recorded in the confidential report **A/2019-03-026/Rp.04**
- 9) Essential Health and Safety Requirements is made about reference standards.  
  
**EN 60079-0:2018, EN 60079-1:2014, EN 60079-31:2014**
- 10) If the sign "X" is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions of safe use specified in the schedule to this certificate.
- 11) This EU-Type examination certificate relates only to the design and construction of the specified equipment or protective equipment in the scope of 2014/34/EU. Future requirements of the Directive applies to the production process and the provision of equipment or protective system. These are not discussed in this certificate.
- 12) Marking of the equipment or protective system must include the following :

 **II 2G Ex db IIB T6 Gb**  
**II 2D Ex tb IIC T85°C Db**

**The competent person**  
**SCA Technical Manager**  
**İsmail OĞLAKCIOĞLU**



**Date of Approval : 23.07.2019**



### 13) SCHEDULE

14) EU-Type Examination Certificate : SCA19ATEX015X

### 15) Description of Equipment and/or Protective System:

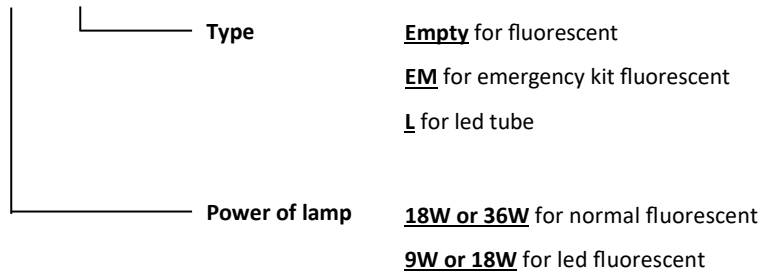
ZNF.X SERIES type fluorescent lamp comprises a lamp tube assembly with two end caps. The housing consists of a transparent polycarbonate tube with aluminium end caps. The electronics are located within the flameproof enclosure. Tube and end caps sealed with cemented joint. Both end caps connected together by two 6 mm diameter tie bars, therefore compressing the tube and cemented joints between caps.  
The equipment is intended for fixed installation.  
The equipment has normal fluorescent lamp, led fluorescent lamp and emergency kit variations.

#### Technical Parameters

Lampholder type : T8  
Rated voltage : 220/240 V  
Rated frequency : 50/60 Hz  
Rated power : 2x36W, 2x18W  
Ambient temperature : -20°C to +55°C

#### Identification of Type Codes

ZNF. 2 x



### 16) Test and Assessment Report A/2019-03-026/Rp.04

Complied with IP66 degree of protection.

The competent person  
SCA Technical Manager  
İsmail OĞLAKCIOĞLU

Date of Approval : 23.07.2019

SCA Belgelendirme ve Özel Eğitim Hizmetleri Ltd. Sti.  
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This Certificate May Only Be Reproduced In Its Entirety And Without Change



## CONTINUATION OF SCHEDULE TO EU TYPE EXAMINATION CERTIFICATE SCA19ATEX015X

### 17) Special Conditions for Safe Use :

The cable glands used for cable entries and plugs for unused holes on equipment must have to following parameters and certification:

- "Ex db IIB Gb and Ex tb IIIC Db " protection according to EN 60079-0, EN 60079-1, EN 60079-31
- Minimum degree of protection IP 66 according to EN 60529
- Threaded entry size shall be in accordance with technical file and technical drawings

#### Notes for manufacturing and operation

- The manufacturer shall carry out the routine overpressure test according to EN 60079-1:2014 Clause 16
- The manufacturer shall mark with "WARNING – POTENTIAL ELECTROSTATIC CHARGING HAZARD – SEE INSTRUCTIONS" on equipment

### 18) Essential Health and safety Requirements :

Met by compliance with the standards listed in Section 9 of this certificate.

### 19) Drawings and Documents :

Technical file ZN-F-19/Rev.00 dated 07.03.2019 includes drawings, safety, maintenance and mounting instructions.

Drawing No:	Title	Rev.	Date
Z-01NF-1-602	General Assembly	00	14.01.2018
Z-01NF-1-603	Part List	00	14.01.2018
Z-01NF-1-604	Flame Path	00	14.01.2018
Z-01NF-2-500/501	Main Body	00	14.01.2018
Z-01NF-2-503	Cover	00	14.01.2018
Z-01NF-2-504-a/b	Glasses	00	14.01.2018
Z-01NF-2-505-a/b	Tie bars	00	14.01.2018

**The competent person**  
SCA Technical Manager  
İsmail OĞLAKCIOĞLU

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