



# OBAC



**Ósrodek Badań, Atestacji i Certyfikacji Sp. z o.o.**  
**44-122 Gliwice, ul. Toruńska 27**

## (1) **EC-TYPE EXAMINATION CERTIFICATE**

(Translation)

- (2) Equipment and protective systems intended for use in potentially explosive atmospheres, Directive 94/9/EC (Decree of Minister of Economy of Dec. 22, 2005, Official Journal No.263, Pos. 2203).
- (3) EC-Type – Examination Certificate Number: **OBAC 15 ATEX 0203U**
- (4) Equipment or protective system: **Metal enclosures of RSA-ATEX and OZ-ATEX type**
- (5) Manufacturer: **ZW „RADIOLEX” Ltd.**
- (6) Address: **ul. Przemysłowa 8, 83-000 Pruszcz Gdański**
- (7) This equipment or protective system and any of its approved version is specified in this certificate and in documents listed in p. 19.
- (8) The Institute for Research and Certification „OBAC” Ltd., notified body No.1461 in accordance with Article 9 of the European Council Directive 94/9/EC of March 23, 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 the confidential report No. OBAC/15/ATEX/0203
- (9) Compliance with the Safety Requirements has been assured by conformity with:
- |  |  |  |
|--|--|--|
| <b>PN-EN 60079-0:2013</b><br>(EN 60079-0:2012) | <b>PN-EN 60079-7:2010</b><br>(EN 60079-7:2007) | <b>PN-EN 60079-31:2014</b><br>(EN 60079-31:2014) |
|--|--|--|
- (10) If the sign „U” is placed after the certificate number, it indicates that the certificate relates to Ex part or component. This certificate can be used as the basis for obtaining equipment or protective system certificate.
- (11) This EC-type examination certificate relates only to the design, evaluation and tests of the specified equipment or protective system according to the Directive 94/9/EC. The certificate does not apply to further requirements of the Directive relating to the manufacture and placing on the market of this equipment or protective system.
- (12) The marking of the equipment or protective system must include the following:



**II 2G Ex e II Gb**



**II 2D Ex tb IIIC Db**



**Certification Body  
Manager**

**Piotr Tarnawski M.Com.**



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**44-122 Gliwice, ul. Toruńska 27**

(13)

## SCHEDULE

(14)

**to the EC-Type Examination Certificate**  
**No. OBAC 15 ATEX 0203U**

(15) Description of Ex equipment or protective system:

The empty enclosures of RSA-ATEX and OZ-ATEX type made of steel are intended for installation of electrotechnical apparatus to be used in potentially explosive atmospheres. The enclosure is a connection of body (1) with a door fastened to the body with the use of 1000-U134 locks manufactured by EMKA (for RSA-ATEX type), or (2) with a cover fastened to the body using cross recessed screws (for OZ-ATEX type).

**Rated data:**

Overall dimensions:

RSA-ATEX (width x height x depth) [mm]      min. 200 x 300 x 150  
max. 800 x 1200 x 400

OZ-ATEX (width x height x depth) [mm]      min. 150 x 150 x 80  
max. 400 x 300 x 120

Degree of protection

IP66

Range of ambient temperature

$-30^{\circ}\text{C} \leq T_a \leq +80^{\circ}\text{C}$

(16) Report:

- "OBAC" Institute for Research and Certification Ltd. Laborex Laboratory. Test Report no. LL/121/2015/A. Gliwice, 19 August 2015.

**The metal enclosures of RSA-ATEX and OZ-ATEX types** meet the requirements for explosion protected equipment and may be used as the devices of equipment group II, category 2G and 2D.

(17) Special conditions for safe use:

- Only certified cable entries and blanking elements of "e" increased safety, protected from dust ignition using "tb"-type enclosures of min. IP66 protection degree, shall be used in the enclosures concerned. The number of openings planned for installation of introduction elements cannot weaken the enclosure side walls and unfavourably affect the component's explosive protection.
- After adequate electric equipment and components have been installed in the enclosures, the latter shall be subjected to separate certification.
- Range of ambient temperature:  $-30^{\circ}\text{C} \leq T_a \leq +80^{\circ}\text{C}$





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**44-122 Gliwice, ul. Toruńska 27**

(13)

## **SCHEDULE**

(14)

**to the EC-Type Examination Certificate  
No. OBAC 15 ATEX 0203U**

(18) The compliance with Safety Requirements has been assured by compliance with standards shown in p.9 of this certificate..

(19) List agreed documentation:

- Service Manual of RSA-ATEX and OZ-ATEX enclosures, no. 1/2015, 30 April 2015r., Pruszcz Gdański.





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