



# IECEx Certificate of Conformity

## INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEx Scheme visit [www.iecex.com](http://www.iecex.com)

Certificate No.:	IECEx FTZU 15.0001X	Issue No: 0	Certificate history: <a href="#">Issue No. 0 (2015-02-10)</a>
Status:	Current	Page 1 of 3	
Date of Issue:	2015-02-10		
Applicant:	SVANTEK Sp. z o.o. Strzygłowska 81 04-872 Warszawa Poland		
Electrical Apparatus:	SV 104IS Noise dosimeter		
Optional accessory:			
Type of Protection:	Intrinsic safety		
Marking:	Ex ia I Ma Ex ia IIC T4 Ga		

Approved for issue on behalf of the IECEx  
Certification Body:

Dipl.Ing. Jan Just

Position:

Vice Head of Certification Body

Signature:  
(for printed version)

Date:

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting the [Official IECEx Website](#).

Certificate issued by:

Fyzikálně technický zkušební ústav  
(Physical -Technical Testing Institute)  
Pikartská 7  
71607 Ostrava - Radvanice  
Czech Republic





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Manufacturer: **SVANTEK Sp. z o.o.**  
Strzygłowska 81  
04-872 Warszawa  
Poland

Additional Manufacturing  
location(s):

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended.

## STANDARDS:

The electrical apparatus and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards:

<b>IEC 60079-0 : 2011</b> Edition:6.0	Explosive atmospheres - Part 0: General requirements
<b>IEC 60079-11 : 2011</b> Edition:6.0	Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
<b>IEC 60079-26 : 2006</b> Edition:2	Explosive atmospheres - Part 26: Equipment with equipment protection level (EPL) Ga

*This Certificate **does not** indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed above.*

## TEST & ASSESSMENT REPORTS:

*A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in*

Test Report:

[CZ/FTZU/ExTR15.0001/00](#)

Quality Assessment Report:

[CZ/FTZU/QAR15.0001/00](#)



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## Schedule

### EQUIPMENT:

*Equipment and systems covered by this certificate are as follows:*

The equipment is an intrinsically safe, hand held, personal noise dosimeter. The equipment consists of the PCBs with electronic circuits, one secondary cell and one microphone inside of a plastic dissipative enclosure with two clips for fixing. The equipment has only two external contacts for battery charging in a non-hazardous area.

#### Parameters:

Ambient temperature:  $-10^{\circ}\text{C} \leq T_a \leq +50^{\circ}\text{C}$

Charging parameters:  $U_m = 6.6 \text{ V}$

Degree of protection: IP65

### CONDITIONS OF CERTIFICATION: YES as shown below:

The equipment shall only be charged in non-hazardous area by manufacturer's chargers.