



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.: **IECEX UL 21.0026** Page 1 of 4 Certificate history:
Status: **Current** Issue No: 2 [Issue 1 \(2022-01-26\)](#)
[Issue 0 \(2021-11-17\)](#)
Date of Issue: 2024-05-24
Applicant: **SKC Inc.**
863 Valley View Road
Eighty Four, PA 15330
United States of America
Equipment: **NoiseChek Noise Dosimeter, Models 701-001S and 701-001NBS**
Optional accessory:
Type of Protection: **Intrinsic Safety "ia"**
Marking: Ex ia IIC T4 Ga

Approved for issue on behalf of the IECEx
Certification Body:

Katy A. Holdredge

Position:

Senior Staff Engineer

Signature:
(for printed version)

Date:
(for printed version)

2024-05-24

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 www.iecex.com or use of this QR Code.



Certificate issued by:

UL Solutions (US)
333 Pfingsten Road
Northbrook IL 60062-2096
United States of America





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Manufacturer: **SKC Inc.**
863 Valley View Road
Eighty Four, PA 15330
United States of America

Manufacturing locations: **SKC Inc.**
863 Valley View Road
Eighty Four, PA 15330
United States of America

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 equipment 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

[IEC 60079-0:2017](#) Explosive atmospheres - Part 0: Equipment - General requirements
Edition:7.0

[IEC 60079-11:2011](#) Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
Edition:6.0

This Certificate **does not** indicate compliance with 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 Reports:

[US/UL/ExTR21.0026/00](#)

[US/UL/ExTR21.0026/01](#)

[US/UL/ExTR21.0026/02](#)

Quality Assessment Report:

[US/UL/QAR16.0018/05](#)



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

The NoiseChek Models 701-001S and 701-001NBS are battery powered noise dosimeters that are wearable, portable devices that are chargeable in non-hazardous locations. The battery is not user replaceable. Model 701-001S has Bluetooth capabilities while model 701-001NBS does not.

Please see Annex for additional information.

SPECIFIC CONDITIONS OF USE: NO



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)

Issue 1: Model numbers and Um were updated.

Issue 2: Alternate components and layout changes.

Annex:

[Annex to IECEx UL 21.0026 Issue 2.pdf](#)



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Annex to Certificate No.:

IECEX UL 21.0026

Issue No.: 2

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PARAMETERS RELATING TO THE SAFETY




Internal non-replaceable battery voltage: 3.7 V nominal, 4.35 V peak,
Um = 6.71 V at charging contacts

MARKING

Marking has to be readable and indelible; it has to include the following indications:



SKC NoiseCHEK




  Um=6.71V

Cat. No. 701-001S
Intrinsically Safe / Sécurité Intrinsèque
Noise Dosimeter
 CI I, Gps A,B,C,D; CI II, Gps E,F,G;
CI III; T4; $-20^{\circ}\text{C} \leq T_a \leq 45^{\circ}$
CI I Zn 0, AEx ia IIC T4 Ga, Ex ia IIC T4 Ga
 II1G Ex ia IIC T4 Ga, IECEx, UL 21.0026.
DEMKO UL 21 ATEX 2537  UL22UKEX2456

WARNING: DO NOT CHARGE BATTERY
IN HAZARDOUS LOCATIONS.
ANSI S1.25:1991, IEC 61252:1993, FCC ID:QOQ11
Assembled in the USA, SKC Inc.
863 Valley View Rd, Eighty Four, PA 15330
www.skcinc.com

SKC NoiseCHEK

  Um=6.71V

Cat. No. 701-001NBS
Intrinsically Safe / Sécurité Intrinsèque
Noise Dosimeter
 CI I, Gps A,B,C,D; CI II, Gps E,F,G;
CI III; T4; $-20^{\circ}\text{C} \leq T_a \leq 45^{\circ}$
CI I Zn 0, AEx ia IIC T4 Ga, Ex ia IIC T4 Ga
 II1G Ex ia IIC T4 Ga, IECEx, UL 21.0026.
DEMKO UL 21 ATEX 2537  UL22UKEX2456

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