



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: 3 [Issue 2 \(2024-05-24\)](#)
Date of Issue: 2025-10-30 [Issue 1 \(2022-01-26\)](#)
[Issue 0 \(2021-11-17\)](#)
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
Ex ia I Ma
-20°C ≤ Tamb ≤ +45°C

Approved for issue on behalf of the IECEx
Certification Body:

Lucy Frieders

Position:

Staff Engineer

Signature:
(for printed version)

Date:
(for printed version)

2025-10-30

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 Pfungsten 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/ExTR21.0026/03](#)

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

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

Quality Assessment Report:

[US/UL/QAR16.0018/06](#)



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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.

Issue 3: Update to label and schedule drawings to include Group I marking.

Annex:

[Annex to IECEx UL 21.0026 Issue 3.pdf](#)

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°C ≤ Ta ≤ 45°CI I Zn 0, AEx Ia IIC T4 Ga, Ex Ia IIC T4 Ga, Ex Ia I Ma
II1G Ex Ia IIC T4 Ga, I M1 Ex Ia I Ma

IECEX, UL 21.0026, UL22UKEX2456

UK CA 0043 CE 0530 DEMKO UL 21 ATEX 2537

WARNING: DO NOT CHARGE BATTERY IN HAZARDOUS
LOCATIONS. AVERTISSEMENT: NE PAS CHARGER
L'ACCUMULATEUR DANS UN EMPLACEMENTS DANGEREUX.

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°C ≤ Ta ≤ 45°CI I Zn 0, AEx Ia IIC T4 Ga, Ex Ia IIC T4 Ga, Ex Ia I Ma
II1G Ex Ia IIC T4 Ga, I M1 Ex Ia I Ma

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