



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 19.0100** Page 1 of 3 [Certificate history:](#)

Status: **Current** Issue No: 0

Date of Issue: 2019-11-27

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

Equipment: **AirChek Essential and AirChek Connect, Models 220-3000 and 220-4000**

Optional accessory:

Type of Protection: **Intrinsic Safety "ia"**

Marking: **Ex ia IIC T4 Ga**
-20°C to +45°C

Approved for issue on behalf of the IECEx
Certification Body:

Lucy Frieders

Position:

Staff Engineer

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



Certificate issued by:

UL LLC
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

Additional
manufacturing
locations:

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 Report:

[US/UL/ExTR19.0115/00](#)

Quality Assessment Report:

[US/UL/QAR16.0018/02](#)



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

The AirChek Essential and AirChek Connect are portable air sampling pumps powered by battery pack part number P75718. The battery pack contains two rechargeable lithium-ion cells in series and is charged only in non-hazardous locations. The AirChek Essential (Model 220-3000) has a passive segmented LCD. The AirChek Connect (Model 220-4000) has Bluetooth capabilities, a custom graphic LCD and a backup lithium carbon monofluoride coin cell.

Please see Annex for additional information.

SPECIFIC CONDITIONS OF USE: NO

Annex:

[Annex to IECEx UL 19.0100 Issue 0.pdf](#)



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PARAMETERS RELATING TO THE SAFETY

For use only with battery pack P75718, manufactured by SKC
7.6 V nominal, 8.4 V peak, $U_m = 12\text{ V}$

MARKING

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



SKC Battery Pack Model P75718 Li-Ion; 7.4V, 2.6Ah, 19Wh

WARNING: Use only SKC specified charger. Do not charge/change in hazardous areas.
Risk of fire, explosion, and burns. Do not disassemble, crush, heat above 100°C (212°F) or incinerate.

MADE IN USA www.skccinc.com