



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 CQM 21.0009X** Page 1 of 3 [Certificate history:](#)

Status: **Current** Issue No: 0

Date of Issue: 2021-06-21

Applicant: **SHENZHEN YUANTE TECHNOLOGY CO., LTD.**
Room 401, Bldg B No.7, Sanheyi New Village, Tongsheng Community, Dalang Street,
Longhua District
Shenzhen, Guangdong Province 518109
China

Equipment: **Portable Gas Detector typed SKY3000**

Optional accessory:

Type of Protection: **Flameproof "d", Intrinsic safety "ia"**

Marking: Ex da ia IIC T4 Ga with LEL sensor
Ex ia IIC T4 Ga without LEL sensor
-20°C ≤ T_a ≤ +50°C

Approved for issue on behalf of the IECEx
Certification Body:

Ji Xiaodong

Position:

President

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:

China Quality Mark Certification Group Co., Ltd.
No. 33 Zengguang Road, Haidian District
Beijing City, Postal code: 100048
China





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Manufacturer: **SHENZHEN YUANTE TECHNOLOGY CO., LTD.**
Room 401, Bldg B No.7, Sanheyi New Village, Tongsheng Community, Dalang Street,
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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 60079-1:2014-06 Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
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:

[CN/CQM/ExTR21.0009/00](#)

Quality Assessment Report:

[CN/CQM/QAR21.0004/00](#)



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

The portable gas detector typed SKY3000 has a non-material enclosure with antistatic material. The product is lithium battery powered and a charging port is provided. The product can be installed with maximum 4 sensors. The product fulfils the requirements of IP67 according to IEC 60529.

Ratings:

3.7V Battery power

U_m=5V charging

SPECIFIC CONDITIONS OF USE: YES as shown below:

1. Observe the warning "Do not charge in the hazardous area!"
2. Do not change any component during the operation or maintenance. if there is any problem with the product, contact the manufacturer.
3. The allowed charge temperature is 0°C~+45°C.