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 15.0017X**

Certificate history:

Status: **Current**

Issue No: 0

Date of Issue: 2015-06-30

Applicant: **HONGKONG KOON TECHNOLOGY LTD**
MSC 2461 RM 1007 10/F HO KING CENTER 2-16 FA YUEN STREET MONG KOK KL HongKong
Hong Kong

Equipment: **Explosion-proof telephone KNEx1**

Optional accessory:

Type of Protection: **Ex "e", "m", "i", "t"**

Marking: Ex e ib mb IIC T6 Gb Ex tb III C T80°C Db
-25°C≤Ta≤+60°C

Approved for issue on behalf of the IECEx Certification Body: **Zhang Wei**

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: 100037
China

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Manufacturer: **ShenZhen XiJun Technoloy Ltd**
6/F 268# Nanchang ind. Park Gushu Baoan Shenzhen
China

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 60079-0:2011 Explosive atmospheres - Part 0: General requirements
Edition:6.0

IEC 60079-11:2011 Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
Edition:6.0

IEC 60079-18:2009 Explosive atmospheres Part 18: Equipment protection by encapsulation "m"
Edition:3

IEC 60079-31:2008 Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure 't'
Edition:1

IEC 60079-7:2006-07 Explosive atmospheres - Part 7: Equipment protection by increased safety "e"
Edition:4

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/ExTR15.0026/00

Quality Assessment Report:

CN/CQM/QAR15.0004/00

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EQUIPMENT:
Equipment and systems covered by this Certificate are as follows:

Description of equipment

The telephone is composed of a body closed by a cover maintained by 4 screws. It contains three printed circuit boards (PCBs). The main PCB is located in the bottom of the enclosure and embedded in a resin and protected by encapsulation. The handset, the keyboard and the display are designed in type of protection intrinsic safety “i”. The handset is supplied with a curly stainless steel cord. The keypad PCB and the display PCB are located in the cover and linked to the main PCB via a ribbon cable. The external terminations are made via certified cable glands in type of protection increased safety “e” and “t” at a certified terminal in type of protection increased safety “e” mounted on the main PCB.

Rating
Maximum input voltage (ringing voltage) : 90VAC
Maximum input voltage(calling voltage): 48VDC
IP66

SPECIFIC CONDITIONS OF USE: YES as shown below:
The telephone should be earthed reliably before use.