



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 TUR 25.0008X	Page 1 of 3	<u>Certificate history:</u>
Status:	Current	Issue No: 0	
Date of Issue:	2025-03-09		
Applicant:	HAEXC Mobile Pte. Ltd. 2 Joo Koon Circle, Singapore 629031 Singapore		
Equipment:	Intrinsically Safe Smart Phone, Model: SP104Ex		
Optional accessory:			
Type of Protection:	Equipment protection by intrinsic safety "ib"		
Marking:	Ex ib IIC T4 Gb Ex ib IIIC T130°C Db (Ta range: -20°C to +55°C)		

Approved for issue on behalf of the IECEx
Certification Body:

Dipl.-Ing. Yang Wang

Position:

Assigned Certifier

Signature:
(for printed version)

Date:
(for printed version)

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:

TUV Rheinland Industrie Service GmbH
Am Grauen Stein
51105 Cologne
Germany





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Manufacturer: **HAEXC Mobile Pte. Ltd.**
2 Joo Koon Circle,
Singapore 629031
Singapore

Manufacturing
locations: **HAEXC Mobile Pte. Ltd.**
2 Joo Koon Circle,
Singapore 629031
Singapore

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 60079-11:2023 Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
Edition:7.0

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:

[DE/TUR/ExTR25.0008/00](#)

Quality Assessment Report:

[DE/TUR/QAR24.0015/00](#)



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

The Intrinsically Safe Smart Phone (model SP104Ex) is a rugged operated mobile phone. The power of equipment is supplied from a chargeable Lithium Battery. The mobile phone has been designed for use in explosion hazardous area of zone 1/21 and zone 2/22.

The Mobile phone support 4G/3G/2G, WLAN, GPS and Bluetooth. There is a 4-inch display with touch panel, the phone has a custom key, volume up/down keys. The mobile has a 50 Mega Pixel main camera and 8 Mega Pixel front camera.

Technical data:

Ingress protection: IP64

Ambient temperature: -20°C to +55°C

SPECIFIC CONDITIONS OF USE: YES as shown below:

1. The device only be charged outside explosion hazardous areas, using an adapter specifically supplied by the manufacturer for use with the unit.
2. Read the instructions before use. Only install TF/SIM cards or replace battery pack outside explosion hazardous areas.
3. The rubber cover of the Type-C USB port must be closed in hazardous locations. The USB port only can be connected with the USB downloader specifically supplied by the manufacturer.
4. The device shall be protected against excessive UV light emission.
5. The device must be protected from impact with high impact energy.