



# 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](http://www.iecex.com)

Certificate No.: **IECEx CSA 24.0026X**

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[Certificate history:](#)

Status: **Current**

Issue No: 0

Date of Issue: 2024-10-10

Applicant: **Shenzhen AORO Communication Equipment Co., Ltd.**  
Room 601, Unit 2, Building 2  
Hongchuang Science and Technology Center  
Xikeng Community, Fucheng Street  
Longhua District  
Shenzhen City, Guangdong Province  
China

Equipment: **5G digital mobile phone Model: A2362(M8)**

Optional accessory:

Type of Protection: **Intrinsic Safety 'ic'**

Marking: Ex ic IIC T4 Gc  
Ex ic IIIC T135°C Dc  
IP65

Approved for issue on behalf of the IECEx  
Certification Body:

**Dave Magee**

Position:

**Senior Director of Operations, Toronto**

Signature:  
(for printed version)

Date:  
(for printed version)

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2. This certificate is not transferable and remains the property of the issuing body.
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Certificate issued by:

**CSA Group**  
178 Rexdale Boulevard  
Toronto, Ontario M9W 1R3  
Canada





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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:

**CA/CSA/ExTR24.0053/00**

Quality Assessment Report:

**GB/CSAE/QAR24.0018/00**



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## EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

The A2362(M8) 5G digital mobile phone is a portable communication device. It is powered by an internally fitted user-replaceable Li-Ion battery, whose rating is 3.85Vdc/9600mAh and one Li-ion (LCO) rechargeable real time battery, 3.0Vdc/1mAh. The product consists of a touch display, cameras, speakers and microphones, divergent LED flashlight, SIM and TF card connectors and communication interfaces for type-c, Wi-Fi, Bluetooth, GPS and 5G networks.

The enclosure is constructed from PC covered by silicone rubber, with a toughened glass window. On the shell it is fitted with seven function keys to operate the product. The equipment is only allowed to be charged outside of hazardous location, the maximum charging parameters are  $U_m = 9Vdc$ ,  $I_m = 3.0A$ .

The equipment has a type-c interface for data communication and allows to be charged in the non-hazardous area only. The equipment has been tested in accordance with the test of enclosure section of IEC 60079-0 and meets the requirements of IP65.

## SPECIFIC CONDITIONS OF USE: YES as shown below:

1. The A2362(M8) 5G digital mobile phone shall only be charged in safe area using a charger approved as SELV or Class 2 equipment against IEC 62368 or an equivalent IEC standard.
2. The maximum voltage and current from the charger  $U_m$  and  $I_m$  shall not exceed 9.0 VDC and 3A respectively. The ambient temperature during charging shall be in the range 0°C to +55°C.
3. Any Data download devices via the type-c interface shall be approved as SELV or Class 2 equipment against IEC 62368 or an equivalent IEC standard. The maximum voltage  $U_m$  from the device shall not exceed 5.5 VDC.
4. While in the non-hazardous area, a SIM/TF card may be inserted or removed.
5. When using, the rubber plug of type-c must be properly installed. The device cannot be connected with any accessories in hazardous location.
6. The equipment shall only be used in locations where there is a low risk of mechanical impact.