1 **TYPE EXAMINATION CERTIFICATE**

2 Equipment intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU

3 Certificate Number: **CSANe 23ATEX1223X** Issue: **0**

4 Equipment: **Intrinsically Safe Industrial Tablet / conquest-S22 (EX202)**

5 Applicant: **Shenzhen Conquest Communication Equipment Co., Ltd.**

6 Address: Floor 2, Building B,
Banweiyuan, No.17 Yongxiang Road,
Bantian Street,
Longgang District,
Shenzhen,
China

7 This equipment and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

8 CSA Group Netherlands B.V., certifies that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design of Category 3 equipment intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in the confidential reports listed in Section 14.2.

9 Compliance with the Essential Health and Safety Requirements, with the exception of those listed in the schedule to this certificate, has been assured by compliance with the following documents:

EN IEC 60079-0:2018 EN 60079-11:2012

10 If the sign 'X' is placed after the certificate number, it indicates that the equipment is subject to Specific Conditions of Use identified in the schedule to this certificate.

11 This Type Examination Certificate relates only to the design of the specified equipment, and not to specific items of equipment subsequently manufactured. If applicable, further requirements of this Directive apply to the manufacture and supply of this equipment.

12 The marking of the equipment shall include the following:

II 3GD
Ex ic IIC T4 Gc
Ex ic IIIC T100°C Dc
Ta = -20°C to +55°C

IP65

Signed: Michelle Halliwell

Title: Director of Operations

PRODUCTS
RvA C 652

Project Number 80182658

SCHEDULE

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13 DESCRIPTION OF EQUIPMENT

The conquest-S22 (EX202) Intrinsically Safe Industrial Tablet is a portable communication device featuring a touch display, scanner, cameras, thermal imaging, speakers and microphones, infrared temperature measurement, divergent LED flashlight, SIM and TF card connectors and communication interfaces for WiFi/Bluetooth/GPS, DMR or satellite communication, NFC/RFID and 5G networks.

The enclosure is constructed from PC covered by silicone rubber, with a toughened glass window. On the top shell it is fitted with six function keys to operate the product. The battery pack is integral with the unit and is not user replaceable.

The equipment has two antenna ports for connection to passive antennas. There is a port for connection to a headset and a USB interface for charger input and data communication in the non-hazardous area only.

The equipment has been tested in accordance with the test of enclosure section of EN/IEC 60079-0 and meets the requirements of IP65.

14 DESCRIPTIVE DOCUMENTS

14.1 Drawings

Refer to Certificate Annexe.

14.2 Associated Reports and Certificate History

Issue	Date	Report number	Comment
0	12 January 2024	R80182657A	The release of the prime certificate.

15 SPECIFIC CONDITIONS OF USE (denoted by X after the certificate number)

15.1 The Industrial Intrinsically Safe tablet shall only be charged via the USB interface in safe area using a charger approved as SELV or Class 2 equipment against EN/IEC 62368 or an equivalent EN/IEC standard.

The maximum voltage and current from the charger Um and Im shall not exceed 9.0 Vdc and 2.0A respectively. The ambient temperature during charging shall be in the range 0°C to +55°C.

15.2 Any Data download devices via the USB interface shall be approved as SELV or Class 2 equipment against EN/IEC 62368 or an equivalent EN/IEC standard. The maximum voltage Um from the device shall not exceed 5.5 Vdc.

15.3 Only a passive headset could be connected via the headset port in the non-hazardous area.

15.4 While in the non-hazardous area, a SIM/TF card may be inserted or removed.

15.5 When used in hazardous location, the rubber plug of the headset and USB interface must be properly installed. The device cannot be connected with any accessories such as a headset in hazardous location.

15.6 The equipment shall only be used in locations where there is a low risk of mechanical impact.

15.7 Only passive Antenna shall be connected via the Antenna ports.

15.8 When used in hazardous location, the M6 interface cannot be connected with any accessories and the protective plate must be properly installed. Only a passive accessory could be connected via the M6 interface in the non-hazardous area.

SCHEDULE

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16 **ESSENTIAL HEALTH AND SAFETY REQUIREMENTS OF ANNEX II** (EHSRs)

The relevant EHSRs that are not addressed by the standards listed in this certificate have been identified and individually assessed in the reports listed in Section 14.2.

17 **CONDITIONS OF MANUFACTURE**

17.1 The use of this certificate is subject to the Regulations Applicable to Holders of CSA Group Netherlands B.V. certificates.

17.2 Holders of Type Examination Certificates are required to comply with the conformity to type requirements defined in Article 13 of Directive 2014/34/EU.