

## 1 EU - Type Examination Certificate

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

3 Certificate Number: ExVeritas 22ATEX1289X Issue: 0

4 Equipment: iPhone 12 and 13 Flameproof Enclosure

5 Manufacturer: Xciel Inc.

6 Address: 19830 FM 1093, Suite 2001, Richmond TX 77407, USA

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

8 ExVeritas, Notified Body number 2804 in accordance with Article 17 of the Council Directive 2014/34/EU of 26 February 2014, certifies that this equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to design and construction of equipment and protective systems for use in potentially explosive atmospheres given in Annex II to the Directive


9 Compliance with the applicable Essential Health and Safety Requirements has been assured by compliance with the following Standards and section 16 of this certificate:

EN IEC 60079-0: 2018 EN 60079-1: 2014

10 If the sign "X" is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified in the schedule to this certificate.

11 This EU-Type Examination Certificate relates only to the design, construction, examination and tests of the specified equipment or protective system in accordance to the Directive 2014/34/EU. Further requirements of the Directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate.

12 The marking of the equipment shall include the following:

 II 2 G Ex db IIB T6 Gb T<sub>amb</sub> -20°C to +50°C



**Schedule**

13 Description of Equipment or Protective System

Model number(s): XCZ1-iPhone12 may be followed by Pro or XCZ1-iPhone13.

Model similarity: The models are identical in construction and only vary between each other based on the iPhone incorporated.

This equipment is a flameproof, Ex db aluminum enclosure housing an iPhone. The enclosure is constructed by a front and back cover assembled by fasteners. Both the front and back covers contain a glass window for screen visibility and wireless charging capabilities (outside hazardous location only). The enclosure includes 4 tool secured rubber bumpers on the corners for drop/impact mitigation.

The general dimensions of the enclosure are 186.9mm x 108.7 mm x 11.8 mm. The enclosure additionally includes tool secured charging port and sim card covers. The power and volume buttons are accessible by operating rods which are in their turn tool secured by covers. The surface finish is anodized orange.

14 Descriptive Documents

14.1 Associated Report and Certificate History:

| Report Number | Cert Issue Date | Issue | Comment                                |
|---------------|-----------------|-------|--|
| R3735/A/1     | 01/08/2022      | 0     | Initial issue of the Prime Certificate |

14.2 Compliance Drawings:

| Title:                              | Drawing No.:   | Rev. Level: | Date:    |
|-------------------------------------|----------------|-------------|----------|
| iPHONE 12/12 PRO CASE ASSEMBLY      | XCZ1-IP12-3000 | 00          | 06/03/22 |
| FRONT GLASS                         | XCZ1-IP11-1100 | 00          | 04/27/22 |
| BACK GLASS                          | XCZ1-IP11-1101 | 00          | 07/07/21 |
| FRONT COVER                         | XCZ1-IP12-1000 | 00          | 06/21/21 |
| iPHONE 12/12 PRO LINER              | XCZ1-IP12-1001 | 00          | 02/08/21 |
| BACK COVER                          | XCZ1-IP12-1002 | 00          | 06/21/21 |
| BACK GLASS RETAINER                 | XCZ1-IP12-1003 | 00          | 06/21/21 |
| POWER CONTROL PLATE COVER           | XCZ1-IP12-1004 | 00          | 02/09/21 |
| VOLUME CONTROL PLATE COVER          | XCZ1-IP12-1005 | 00          | 03/23/21 |
| CONTROL ROD                         | XCZ1-IP12-1006 | 00          | 02/04/21 |
| SPEAKER PLATE                       | XCZ1-IP12-1007 | 00          | 07/14/21 |
| SIM CARD SLOT COVER - 12/12 PRO     | XCZ1-IP12-1008 | 00          | 07/14/21 |
| CHARGE PORT COVER                   | XCZ1-IP11-1009 | 00          | 03/23/21 |
| FOAM                                | XCZ1-IP12-1200 | 00          | 09/28/21 |
| UV PROTECTION FILM                  | XCZ1-IP12-1201 | 00          | 01/21/22 |
| TOP BUMPER                          | XCZ1-IP12-1203 | 00          | 02/22/21 |
| BOTTOM BUMPER                       | XCZ1-IP12-1204 | 00          | 02/22/21 |
| SOUND PLUG                          | XCZ1-IP12-1300 | 00          | 01/11/21 |
| FASTENERS                           | XCZ1-IP12-1400 | 00          | 06/03/22 |
| LABELS                              | XCZ1-IP12-1600 | 00          | 06/16/22 |
| SAFETY INSTRUCTIONS AND REGULATIONS | QSF-73         | 00          | 7/22/22  |
| iPHONE 12 INTERNAL COMPONENTS       | XCZ1-IP12-1800 | 00          | 07/20/22 |
| iPHONE 13 INTERNAL COMPONENTS       | XCZ1-IP12-1800 | 00          | 07/20/22 |

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Issue 0

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For help or assistance relating to this certificate, contact [info@exveritas.com](mailto:info@exveritas.com).

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## Schedule

### 15 Conditions of Certification

#### 15.1 Special Conditions for Safe Use

- The iPhone shall not be removed from the aluminum case.
- The iPhone shall not be charged, by cable or wireless, when hazardous atmospheres are present. Equipment is required to be charged with a suitably approved charger.
- Flameproof joints shall not be modified or repaired. Contact the manufacturer for flameproof joints information.
- Fasteners in the equipment are thread locked and shall not be removed/replaced without manufacturer's approval. The only fasteners allowed to be removed/replaced by the end user are those of the charging port cover. Refer to manufacturer's safety instructions for information on installation and fastener type.
- Rubber bumpers must be installed on the equipment at all times to protect corners of the aluminum case, and must be visually inspected for good condition before each use.

#### 15.2 Conditions for Use (Routine tests)

- None

### 16 Essential Health and Safety Requirements

Essential Health and Safety Requirements are addressed by the standards listed in section 9 and where required the report listed in section 14.1

The manufacturer shall inform the Notified Body of any modifications to the design of the product described by this schedule.