



Certificate of Compliance

Certificate: 70220248

Master Contract: 258554

Project: 70220248

Date Issued: 2020-07-24

Issued To: i.Safe MOBILE GmbH
i Park Tauberfranken 10
Lauda-Koenigshofen, Baden-Württemberg, 97922
Germany

Attention: Julian Runkel

Issued by: *Sorin Tat*
Sorin Tat



PRODUCTS

CLASS - C225803 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe and Non Incendive Systems - For Hazardous Locations

CLASS - C225883 - PROCESS CONTROL EQUIPMENT-Intrinsically Safe and Non-Incendive Systems-For Hazardous Locations-Certified to U.S. Standards

Class I Div 2 Groups A, B, C, D, T4
Class II Div 2 Groups F, G , T135°C
Class III Div 2

The IS330.2 rugged feature phone use in explosion powered by a replaceable Li-Ion battery pack $U_o = 3.8\text{ V}$ 4050mAh (model MBP33A01, $U_o_max = 4.2\text{ V}$), U_m (charging contacts and USB interface) = 5 V. It has a PTT and SOS button and an ISM interface for connection to intrinsically safe and approved headsets, remote speaker microphones and add-ons accessories. The ISM interface connection provides intrinsically safe outputs with entity parameters as specified in document 1029AD04.

The IS330.2 provides technologies like 4G (LTE), NFC, GPS, Bluetooth and Wi-Fi.

A commercially available SD and two SIM cards may be used in the corresponding slot in the hazardous area. All three cards are assumed to contain negligible capacitance & inductance, and have no voltage enhancement.



Certificate: 70220248
Project: 70220248

Master Contract: 258554
Date Issued: 2020-07-24

Enclosure rating IP64

Temperature code T4 for gas and T135°C for dust.

Ambient: -20°C to +60°C for operating and +5°C to +35°C for charging.

Conditions of Acceptability:

-The battery may be charged outside explosion hazardous areas only using approved external adapter model ICP12-050-2000B with output rated 5Vdc, 2A or other external approved AC/DC adapter for use in US and Canada which also complies with the requirements of LPS and has output rated 5Vdc, 2A.

-The battery may be replaced with an identical one outside of the explosion hazardous areas only.

-To ensure the IP64 protection, it has to be ensured that all gaskets are present and functional. There must be no gap between the two halves of housing and between the battery cover and housing.

-The USB interface (type C) located at the left side is for data transmission and it is used in non hazardous areas. It is not permitted to open the USB interface cover in hazardous locations.

- The ISM interface of the device located at the right side can be used within hazardous areas with approved headsets, Remote Speaker Microphones(RSM) and add-ons.

- For the ISM interface connection the intrinsically safe approved accessories must comply with entity parameters according to document 1029AD04 i.e. Headset IS-HS1.1 and IS-HS1.2 are approved to be used on ISM interface. If the ISM interface is not used, it must be securely closed by the cover provided for this purpose.

-The device must be protected against excessive UV light emission and high electrostatic processes.

-The device may only be charged at temperatures between +5°C ... +35°C.

APPLICABLE REQUIREMENTS

CAN/CSA-C22.2 No. 0-10 (R2015)	General requirements — Canadian Electrical Code, Part II
CAN/CSA-C22.2 No. 62368-1:14	Audio/Video, Information and Communication Technology Equipment – Part 1:Safety Requirements
ANSI/UL 62368-1 2 nd Ed.	Audio/Video, Information and Communication Technology Equipment – Part 1:Safety Requirements



Certificate: 70220248
Project: 70220248

Master Contract: 258554
Date Issued: 2020-07-24

CAN/CSA C22.2 No. 213-17	Non-incendive Electrical Equipment for Use in Class I and II, Division 2, and Class III Hazardous (Classified) Locations
ANSI/UL 121201-2017 Ninth Edition	Non-incendive Electrical Equipment for Use in Class I and II, Division 2, and Class III Hazardous (Classified) Locations

MARKINGS

The manufacturer is required to apply the following markings:

- Products shall be marked with the markings specified by the particular product standard.
- Products certified for Canada shall have all Caution and Warning markings in both English and French.

Additional bilingual markings not covered by the product standard(s) may be required by the Authorities Having Jurisdiction. It is the responsibility of the manufacturer to provide and apply these additional markings, where applicable, in accordance with the requirements of those authorities.

The products listed are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US (indicating that products have been manufactured to the requirements of both Canadian and U.S. Standards) or with adjacent indicator 'US' for US only or without either indicator for Canada only.

In addition to the above markings, the label shall contain:

- CSA Monogram with “C-US” indicator
- Company name and/or Master Contract number
- Date code of manufacture and a serial number
- Hazardous locations designation :
 - Class I Div 2 Groups A, B, C, D, T4
 - Class II Div 2 Groups F, G, T135°C
 - Class III Div 2
- Ambient Temperature Range: As specified in the product section above
- The following warnings in English and French:
 - Warning: Read and understand the manual before operating! & Avertissement: Lisez et comprenez le manuel avant d'utiliser!
 - Warning: Do not charge or open in ex-hazardous areas! & Avertissement: ne pas charger ou ouvrir dans des zones ex-dangereuses!

Copy of the nameplate for IS330.2 model:

Certificate: 70220248
Project: 70220248

Master Contract: 258554
Date Issued: 2020-07-24



Copy of the battery nameplate:





Supplement to Certificate of Compliance

Certificate: 70220248

Master Contract: 258554

*The products listed, including the latest revision described below,
are eligible to be marked in accordance with the referenced Certificate.*

Product Certification History

Project	Date	Description
70220248	2020-07-24	Original Hazardous Locations certificate of the IS330.2 device based on an IECEx report for the following markings: Class I Div 2 Groups A, B, C, D, T4, Class II Div 2 Groups F, G.