

Maintenance and inspection procedure Ex d Zone 1 / 21

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Atexxo Manufacturing

Date	Revision	Details	Approved by
20-01-2021	A	Approved for issue	KvE/DvT
16-08-2021	B	General update	KvE/DvT
02-11-2023	C	Updated including Zone 21	Dak/DvT

Inspection and maintenance procedure for iPad and iPhone devices with type of protection Ex d, suitable for use in explosive gas atmospheres classified Zone 1 / 21

The inspection requires personnel who are competent for the inspection required including that they have a knowledge of area classification/EPL and sufficient technical knowledge to understand its implications for the location under consideration and that they have technical knowledge and understanding of the theoretical and practical requirements for the equipment used in the hazardous areas.

Inspection before use in an explosive atmosphere

Before each use check the device on:

- Normal functioning (pushbuttons working, touch screen functioning, no overheating, device is charging etc.)
- Damage of display and case
- Charge plug installed
- All screws installed
- Any other suspect that indicates an unsafe use of the device.

Yearly inspection on conformity of the device with the certification.

- Check that there is no damage or deformation of the device
- Check that the device has not been modified
- Check that screen does not have any cracks or damages
- Check that all screws are in place and are not loose
- Check that the bottom plug/ bottom cover and simcard cover are intact and not damaged
- Check that the device functions normally.

Repair

Except for insertion or exchange of a sim card, as detailed in the instruction manual, no repair or modification of the device is possible and allowed. When damaged or malfunctioning, do not use the device anymore. For repair it shall be returned to the manufacturer.

A record shall be kept reflecting the inspection results and this record shall be shared with Atexxo B.V. when required.