Gas Control Equipment

18th September 2017

To whom it may concern

Zen-O™ and Zen-O lite™ Portable Oxygen Concentrators: Suitable for Air Travel

The Zen-O™ and Zen-O lite™ portable oxygen concentrators can be used on board an aircraft having been assessed by an internationally recognised testing laboratory to have passed all relevant electromagnetic compatibility (EMC) tests.

However GCE recognises that a number of airline operators request approval of the United States Federal Aviation Administration (FAA) before a portable oxygen concentrator (POC) can be used on board an aircraft. To this end GCE applied to the FAA seeking approval of the Zen-O portable oxygen concentrator. We subsequently received notification of the FAA's new rule which replaces the existing process by which the FAA approves a portable oxygen concentrator's suitability for aircraft use.

The new rule which was published by the FAA on 24th May 2016 and came into effect on 22nd August 2016 *"allows manufacturers to self-certify that their POC conforms to all applicable requirements for use on board an aircraft and to affix a label that can be reviewed by aircraft operators and passengers"*.

All Zen-O™ and Zen-O lite™ portable oxygen concentrators carry a label as required by the FAA. The label carries the following text in red lettering *"The manufacturer of this POC has determined this device conforms to all applicable FAA acceptance criteria for POC carriage and use on board aircraft"*.

In addition the batteries used in the Zen-O and Zen-O lite portable oxygen concentrators have a rating of less than 100Wh, this allows users to carry an unlimited number of spare batteries for use on board an aircraft as stipulated in the FAA's Code of Federal Regulations - 49 CFR 175.10(a)(18).

If you have any questions please do not hesitate to contact me.

Regards,

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