



30.05.2012

Important information for Sentinel users.

Ref; Cell Health screen.

When we incorporated the Cell Health screen into the Sentinel we were using the Teledyne oxygen cells, the Cell Health % was closely linked to the millivolt output of the cell. The cells would be supplied to us by Teledyne at a starting millivolt output of approximately 10 - 11 mV. The mV would then degrade and therefore this would be reflected in a reduced Cell health %.

The starting mV of our new O2 cells can often be higher than what we were used to with the Teledyne cells, they can often start at 11 - 12 mV. If they then degraded to 10 mV over a year then the Cell Health % on the Sentinel would still be 99%.

At present we do not want to change the alarm level while we continue to assess the actual long term cell life in the field, in use. The advice we are currently offering is that whatever the mV is for a new sensor in air, when that mV reading drops by 20% you should replace the sensor. Also if 18 months is reached, irrespective of the sensor reading then change it anyway.

If you would be at all unclear or would like any further advice on this, please contact us on the following email addresses.

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