



Helium saving initiatives from Analox Ltd

Helium is a diminishing natural resource. It has been widely publicised that there is a shortage of helium, a situation which is going to get worse over time. Once helium is released into the atmosphere it is gradually lost into space and can never be replaced.

As part of its environmental policy, Analox has reviewed the amount of helium used in our production facility and whether this use is strictly necessary. A number of areas where we can save helium have been highlighted:

- We do a large number of pressure tests on diving related systems in pressure vessels with significant unfilled volume, leading to helium waste. In future we will partially fill the pressure vessel with rubber bricks to save gas waste.
- We calibrate all our normobaric CO₂ sensors for the commercial diving industry using helium based gases, prior to shipment. Our customers immediately re-calibrate the sensors once installed. The CO₂ sensors for helium are the same as for nitrogen, so from now on all our normobaric CO₂ sensors will be calibrated on nitrogen based gases. The helium specific versions of the SDA CO₂ range will be discontinued, but this will in no way affect the performance of the SDA CO₂ monitors when used in helium environments.

Analox are hoping to save 250,000 litres of helium per year with these initiatives.

Should you wish to discuss this in further detail then please call us on +44 (0)1642 711400.