

## **Carbon Dioxide Monitoring Systems Maintenance Guidelines**

### ***Weekly - Functionality test***

- Recommended to be carried out by the customer at regular intervals e.g. weekly
- Ideally synchronised with other in house testing such as fire alarms
- Tests should be documented
- All staff affected by the equipment should be informed of the tests to ensure that they are aware of exit procedures in the event of an alarm condition.
- Appropriate test gases should be used to trigger such an alarm condition.
- Functionality testing should check whether all alarms are functional regardless of whether the system consists of one base monitor or multiple base monitors and repeaters fitted across several locations

### **Annually – Calibration / Service Check**

- A complete system check and calibration should be undertaken annually
- It should be undertaken using traceable test gases
- It should include servicing of all ancillary equipment in line with the main equipment.
- Quantum Production can carry out this test on your behalf and provide independent certification.