

tyco

*Fire & Integrated
Solutions*



Indoor Air Quality Checks Environmental Solutions

This newsletter is aimed at providing information to employers and managers on the problems associated with poor indoor air quality in the workplace and what can be done to improve the working environment.

Call **+44 (0) 1224 702711** for further information or visit www.tycofis.co.uk and find out how we can become a vital part of your world.

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Do any of your employees and colleagues regularly suffer from headaches, stuffed or runny noses, sneezes, sore throat, eye irritation, fatigue or allergic reaction? For many people, the cause is poor indoor air quality (another related cause is Sick Building Syndrome) resulting in employees being absent on sick leave with the associated medical costs.

Maintaining a high level of Indoor Air Quality, in line with the duty of care required of employers under the Health and Safety at Work Act 1974, will result in a happier, more productive workforce. (Also, for offshore operators, a "Clean Air Certificate" may help towards improving your Environmental Award Rating).

As one of the leading HVAC companies in Aberdeen, Tyco Fire & Integrated Solutions can now offer a new service to Facilities Managers - the testing of Indoor Air Quality.

What does it involve?

The following tests are carried out:

- Establish the dust level in the atmosphere with the use of a laser particle counter
- Standard checks are the measurement of carbon dioxide (CO₂), carbon monoxide (CO), ozone, formaldehyde, hydrogen sulphide (H₂S) and petroleum hydrocarbons. Other specific substance checks are available on request
- Record temperature & humidity levels
- Check bacterial loading; airborne, within ventilation ductwork and water samples for legionella

Equipment

By using state of the art monitoring equipment Tyco Fire & Integrated Solutions can evaluate the levels of pollutants in the air. All microbiological tests carry 3rd party validation. A fully documented report, with all test results will then be submitted along with any recommendations for improvement.



Ventilation System Cleanliness

In many instances, poor Indoor Air Quality is a direct result of poor, or indeed a complete lack of maintenance of air conditioning and ventilation systems.

Tyco Fire & Integrated Solutions can carry out the necessary ventilation system checks as part of an Indoor Air Quality checking programme. If it is subsequently discovered that action is required, we can carry out a full maintenance overhaul and also perform in-duct inspections using a colour boroscope (which can be linked to a video recorder if required), duct cleaning, filter changeout/upgrades etc as required.

Our management systems are accredited to BS EN ISO 9001:2000 (Quality Assurance), BS ISO 14001:2004 (Environmental Management) and OHSAS 18001:2007 (Occupational Health and Safety). We have also achieved Investors in People certification.

Should you have any further questions regarding Indoor Air Quality or any other ventilation issue, please do not hesitate to contact:

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