



SERVICING FIXED GAS DETECTION SYSTEMS

INTRODUCTION

Entec specialises in all aspects of gas detection; specification, supply, installation, commissioning and service, for fixed and portable gas detection systems.

Once installed, fixed gas detection systems should be reliable and low maintenance. They are usually a low profile item within a plant. To be assured of compliance, and to maximise the chance of the system operating correctly when it's called upon, it's important to operate a proactive regime of service and calibration for this vital component of your plant's safety infrastructure.

WHY SERVICE MY FIXED GAS DETECTION SYSTEM?

The recommendation of most equipment manufacturers is to conduct service and calibration checks on a six monthly basis. Entering into a regime of regular service and calibration will bring the following benefits to your business:

- Check that each component of the system is operating as per the manufacturer's specification
- Apply calibration gas to each sensor to ensure sensors are operating within the correct range
- Inspect for any physical damage to any part of the system, or for any poisoning of sensors that may have occurred due to exposure to an adverse environment
- By casting a "fresh pair of eyes" over the system, any other issues may be observed. For example, a plant change may have been implemented since the system was installed which renders parts of the system less effective than when first designed.
- A service and calibration check conducted by Entec results in a service report and calibration certificates being generated; these are valuable records to maintain within your plant's Health Safety and Quality management systems.

EQUIPMENT SERVICED

Entec's service team can perform service and calibration on all major brands of fixed gas detector systems, including:

- Oldham
- Scott Safety (3M)
- Simtronics
- Detcon
- Honeywell (Sieger)
- Zellweger
- Dräger
- Crowcon
- MSA
- General Monitors

ASSOCIATED SERVICES

Complementing its gas detection capability Entec has comprehensive instrumentation and electrical installation and service skills. In addition to fixed gas detector service as outlined in this brochure, Entec can also provide:

- Gas detection advice; specification and selection, and sensor location
- Site installation and commissioning
- Electrical inspections, including EAEA hazardous area inspections
- Instrumentation and electrical system maintenance and fault-finding services
- Portable gas detection – a full range of equipment for all types of toxic and flammable gas environments

KEY INDUSTRIES AND APPLICATIONS

- Oil, gas and petrochemical; upstream, midstream, downstream
- Storage silos and bulk storage facilities
- Heavy manufacturing
- Mining, tunnelling and quarrying
- Water and Waste Water networks and plants
- Food and beverage
- Power generation
- Utilities and infrastructure
- Timber processing, pulp and paper
- Commercial buildings
- Confined spaces

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