



Environmental Monitoring & Consultancy

Our environmental monitoring services help clients comply with legal obligations and regulations.

SOCOTEC provides a comprehensive range of environmental monitoring services to help companies fulfil their legal obligations and comply with environmental regulations. Our expert field teams provide national coverage, operating from a network of regional offices, supported by our own in-house accredited laboratories.

Services include:

- Stack emissions monitoring
- Landfill monitoring and sampling services
- Industrial effluent monitoring, analysis and consultancy
- Environmental noise assessment and control
- Ambient air quality monitoring and assessment
- Contaminated land investigation
- Dangerous goods safety advice
- Radioactivity monitoring
- Liaison with regulators
- Laboratory analysis of air samples, dust, soils, landfill gases, waters & leachates
- Instrument hire & servicing

ENVIRONMENTAL MONITORING & CONSULTANCY

Stack emissions monitoring

SOCOTEC is the UK's largest established MCERTS accredited* stack emissions monitoring consultancy. Our experienced consultants offer nationwide coverage from six fully resourced offices, with a proven track record of monitoring worldwide including:

- Routine periodic monitoring to determine compliance with PPC permit requirements and obligations
- Calibration of Continuous Emissions Monitoring Systems (CEMS) to EN 14181
- Investigative and process optimisation trials, including use of FTIR
- Monitoring of substitute fuel trials and co-incineration plant
- Plant commissioning and projects
- ISO 17025 (UKAS) accredited* analytical services for stack gas samples
- Consultancy services and liaison with regulators
- Training and guidance services for operators in relation to MCERTS requirements

Landfill monitoring and sampling services

Waste disposal to landfill sites can often become an environmental nuisance as chemical and biological decomposition produces methane and leachate. SOCOTEC's independent technical specialists deliver comprehensive services to landfill owners and operators for the compliance monitoring of waste facilities.

A full range of sampling and testing is provided with over 100 scientists and technicians at hand to deliver services including:

- Accredited monitoring of boreholes and surface emissions, trace component sampling and analysis, and flare emissions monitoring
- Manufacture and installation of Gas Monitoring Systems
- Landfill Water sampling and analysis
- Dust and PM10 Monitoring, including accredited laboratory analysis
- Landfill Gas & Dust Monitoring
- Equipment Hire

Ambient air quality monitoring and assessment

Our teams are equipped with the latest range of equipment to conduct continuous environmental air monitoring, undertaking routine air quality assessments, as well as rapid deployment following air pollution incidents. Data is recorded, downloaded and interpreted against current standards and legislation.

Industrial effluent and waste water management

Our teams undertake Site Risk Assessments to identify the activities that could affect watercourses, groundwater and discharges to sewers. Accredited sampling, monitoring and analysis of discharges to watercourses and sewers, as well as borehole sampling of ground water, can be carried out to support compliance with the appropriate environmental regulations. Our consultants can also offer support provided for enforcement liaison.

Environmental noise & vibration assessment

Our noise and vibration monitoring teams undertake monitoring, modelling and prediction to support planning applications, permit compliance and site management. Accurate monitoring is achieved through the use of high specification instrumentation.

Contaminated land investigation

There are still vast tracts of land containing chemical contaminants rendering sites unsuitable for development without some sort of remediation. Site investigation can be carried out in conjunction with SOCOTEC's Infrastructure Services & Environmental Chemistry Laboratories, including the identification of hazardous materials including PCB, asbestos, radioactive waste and chemical analysis, along with advice on waste disposal, remediation and WAC testing.

MORE ABOUT OUR SERVICES

For more information or advice call 0845 603 2112 or email salesuk@socotec.com

* A listing of SOCOTEC's UKAS & MCERTS accredited activities can be found in our schedule of accreditation – Testing Laboratory 1015 – at socotec.co.uk