

# Environmental engineering

OIL AND GAS  
SERVICES

The Lloyd's Register Group offers a world-wide Environmental Engineering capability that can be tailored to the needs of oil and gas industry clients.

Our capabilities range from small studies, undertaken to provide specific cost-effective solutions for environmental control, to comprehensive solutions for the provision of Environmental Impact Assessment (EIA), development of associated Environmental Management Systems (EMS), awareness training packages and assessment of through-life performance.

## Our services include

### *Project management services*

A comprehensive project management service can be provided specifically for environmental assessments and research projects. We have experience of managing projects utilising both 'in-house' and external expertise.

### *Environmental impact assessment*

We can undertake and co-ordinate EIA's at the conceptual design phase to ensure that all significant impacts are identified and appropriate mitigation measures evaluated prior to the production of an Environmental Statement. Where an EIA may not be required, assistance with the application for dispensation can be provided. Finally, third party review of statements can be carried out to help ensure the Operator obtains the necessary consent on first submission of the application to the Secretary of State (UK)..

### *Environmental management systems*

In parallel with the EIA process, our staff can provide assistance with the development and maintenance of either a corporate or installation specific Environmental Management System (EMS).

This includes the establishment of monitoring programmes that are focused and continually evolve throughout both project and operational phases. The EMS can be developed as an in-house system or in accordance with a formal recognised International or European standards, such as ISO 14001 or EMAS.



### *Auditing*

Locally based staff is available to assess and certify your environmental management system to the ISO 14001 standard. Alternatively, where certification is not a specific requirement we can provide external verification to determine whether an EMS is being effectively implemented and is sufficiently robust to ensure statutory environmental compliance. The overall auditing process thereby determines the effectiveness of the EMS in accordance with commitments specified in the EIA and in fulfilling the Operator's environmental policy.



### **Environmental support services**

Our support activities encompass investigation, measurement and advisory services. Specific areas of assistance can be provided for atmospheric emissions monitoring and dispersion modelling, evaluation of pollution abatement technologies (including the development of compliance strategies) and waste water treatment analysis and remedial programmes.

### **Summary of business benefits**

The services of the Lloyd's Register Group help clients to safely optimise the performance of their engineering assets. Our objective is to influence the management processes which impact on environmental performance.

The benefits from using us include:

- support to corporate governance through independent verification of environmental systems compliance
- practical experience and expertise in all aspects of the strategic and operational management of environmental engineering activities
- access to multi-disciplinary teams with competencies across all asset types and engineering systems
- where required, an impartial viewpoint from an organisation with financial, political and technical independence cross fertilisation of best practice from other industry sectors.

[www.lr.org](http://www.lr.org)

**For further information please contact**

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July 2006



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