



FUGRO CHEMISTRY LABORATORY

Specialising in the analysis of environmental contaminants within marine sediments, biota and water, Fugro's comprehensive range of laboratory testing can be tailored to meet client requirements.

ANALYTICAL EXPERTISE

Fugro provides an analytical chemistry group with a strong reputation for providing high-quality analysis, timely delivery and expert advice. Our UKAS accredited testing laboratory in Edinburgh (ISO/IEC 17025:2005, No. 1272) benefits from a range of state-of-the-art instrumentation operated by a team of highly skilled and qualified scientists.

We have decades of experience in servicing a wide range of industry sectors including construction, oil and gas, renewables and shipping. We have also supported many local and national government projects, both in the United Kingdom and internationally.

SERVICES

We provide routine testing for an extensive range of marine pollutants in complex environmental matrices. Our primary testing includes:

- Alkylphenols and alkylphenol ethoxylates
- Halogenated organics
- Heavy metals
- Hydrocarbons
- Organometallic compounds
- Radionuclides
- Volatile organic compounds



Fugro can respond to short turnarounds and deliver reliable data.

SPECIALIST OIL SPILL FORENSIC SERVICES

Fugro is regarded as one of the market leaders in oil spill identification. We provide specialist analytical support to the Maritime and Coastguard Agency, the International Tanker Owners Pollution Federation, the International Oil Pollution Compensation Funds, local authorities and major oil companies.

We carry out our spill versus source assessments using modern chromatographic techniques. We then assess the data, both visually by skilled analysts and statistically by means of diagnostic ratios and the evaluation of critical differences. We use the computerised oil spill identification (COSI) database system for fast, reliable comparisons.

SAMPLING KITS

In addition to providing analytical services, our laboratory prepares and ships sampling kits globally. These field-ready kits make the collection of high-quality samples simple. They cover a range of sampling applications, including:

- Oil spills
- Produced water and produced sand
- Sediment, soil and water
- Remotely operated vehicle (ROV) cores

Following use, Fugro can receive the samples for analysis and replenish the kits, so they can be reused.



Operating from our modern laboratory, our experienced staff consistently deliver expert advice and accurate results to meet the exacting standards that our clients require.

QUALITY ASSURANCE

Fugro has a fully integrated quality, health, safety, security and environmental management system certified to the international standards ISO 9001, ISO 14001 and OHSAS 18001. All our in-house methods are documented and underpin our fully integrated management system, so clients can be confident that the data we produce is accurate, consistent and meaningful.

Our chemistry laboratory in Edinburgh is a UKAS accredited testing laboratory (ISO/IEC 17025:2005, No. 1272) and consistently demonstrates good performance in various external proficiency schemes, including Aquacheck, CONTEST and QUASIMEME.



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