



r.u.m.
specialist labworks

R.U.M. Consultancy Limited

R.U.M. House

Cookney

Netherley

Aberdeenshire

AB39 3SA

T: +44 (0) 1569 739066

+44 (0) 1569 739061

F: +44 (0) 1569 739071

E: enquiries@rumconsultancy.co.uk

W: www.rumconsultancy.co.uk



R.U.M. Consultancy Limited

Founded over 14 years ago, R.U.M. Consultancy Ltd is an **independent** organic analytical laboratory supporting the upstream oil and gas industry.

We specialise in **hydrocarbons** analysis by FTIR, GC, GC/MS and Purge and Trap techniques.

A highly experienced team providing a personal service to meet your current and future demands.

We offer a flexible, **24/7** service to support your urgent requirements if necessary.

R.U.M. laboratory covers all your onshore and offshore regulatory, operational and discharge hydrocarbon analysis requirements including OPPC, OCR, OPEP, OPRC, decommissioning and OSPAR ISO 9733-2 .

R.U.M. Consultancy Limited is ISO 9001-2008 accredited and a member of FPAL and Decom North Sea.

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Routine suites and oil analysis

Drill cuttings, mud, sludge and water samples analysis

Typical analysis suites:

- BTEX and VOC suites
- Standard 16 PAH compounds suite by GC/MS/MS
- NPD compounds by GC/MS
- Unknown identification of organic compounds
- Suite of 12 PCB compounds
- Phenol in water
- Total acid number
- Amine value
- Moisture content by Karl Fisher
- Flashpoint
- Infra-red scan



Typical oil analysis:

- Total hydrocarbon (THC) with aromatic and aliphatic split by FTIR
- THC identification qualitative
- %Carbon composition by GC/MS
- OSPAR ISO 9377-2 oil in water reference method (calibration & correlation)
- Oil analysers calibrated and set up for hydrocarbons on drill cuttings



Specialised investigation and services

Investigation and development:

- Independent consultative analysis and advice.
- Oil spill comparative analysis.
- Oil rig dispersant testing.
- Identification of unknown organics in wells, pipes and tanks.
- Identification of downhole fluids causing problems.
- Analytical results required to evaluate new chemical performance downhole.
- Analytical results for development of drill cutting clean up systems.
- Contamination in tanks from other products.

Other services:

- Supply, service and calibration of oil in water analyser
- Field analysis and sampling kits available
- Training courses for total hydrocarbons (THC) analysis on drill cuttings, well completions and pipeline clean-ups.

