

The Company

- ❑ Accord Energy Solutions was formed in August 2010 to provide a truly independent, specialist hydrocarbon accounting resource base for the international oil and gas industry offering both commercial and operational support from Aberdeen & Norwich, UK and Perth, Australia.
- ❑ Established as employee-owned company from get go that demonstrably improves employee engagement; innovation; business sustainability and productivity.
- ❑ We pride ourselves on our long-term customer relationships. These have been developed on the basis of high quality, integrated services delivered at a competitive price
- ❑ Independently certified as meeting the requirements of ISO 9001; ISO 14001, and ISO 45001



Our People

- ❑ 40+ recognised experts in their fields with many years of industry experience thus ensuring that our clients receive the very best advice and support.
- ❑ We help our clients identify and rectify problems. What we prefer to do is to help customers get it right first time, eliminating value leakage, avoiding cost and preventing loss of reputation.

Delivering energy solutions

Accord Energy Solutions is a truly independent specialist hydrocarbon accounting resource base for the international oil, gas and LNG industries.



Our Services

Allocation Engineering

End-end coverage of allocation engineering from the development of detailed allocation schedules for contractual agreements to the design of process simulation models supported by the rigorous application of mathematical and scientific principles to ensure that our clients' allocation systems are robust, equitable and fit for purpose. Typical assignments include:

- ✓ Feasibility studies and exposure analysis for the new entrants to an existing allocation system
- ✓ Identification of errors and anomalies in allocation systems
- ✓ Development of novel allocation solutions
- ✓ Design of quality banks and value adjustment mechanisms

System Delivery

Experienced to staff and manage the whole project or work alongside clients and vendors in all aspects of system delivery. Typical assignments including:

- ✓ System design
- ✓ Vendor selection
- ✓ System development, configuration, testing and implementation
- ✓ Data migration
- ✓ User training

Measurement

Carry out studies to support the measurement selection process and provide advice and guidance on the most appropriate techniques to use, system installation, operation, maintenance and calibration. Where there is a requirement to gain regulatory approval prior to system implementation, we can prepare the necessary documentation for submission. Typical projects include but not limited to:

- ✓ Providing full technical support for our client's assets and performing company representative duties at industry and pipeline operator forums
- ✓ Developing and reviewing measurement system maintenance regimes; including developing and revising procedures and verification activities and assisting with applications for relaxation of requirements
- ✓ Reviewing measurement systems and monitoring data quality to identify and resolve issues including managing mis-measurements from identification to resolution
- ✓ Technical assistance to commercial teams when negotiating agreements
- ✓ Attending Factory Acceptance Tests and Site Acceptance Tests
- ✓ Liaising with regulatory bodies such as the Oil & Gas Authority (OGA), DECC/BEIS Offshore Environment & Decommissioning (OED) and Pipeline Operators

Audit & Quality Assurance

Our auditors have the necessary qualifications and experience in working proactively and constructively with the client or the auditee to identify shortcomings, quantify their impact and suggest options to address the issues. Demonstrated benefits of regular independent technical reviews include:

- ✓ Ensure the integrity of production operations hence the business
- ✓ Help mitigate exposure, identify and correct compliance failures to minimise financial and reputation loss
- ✓ Avoid the unnecessary use of resources to deal with longstanding mismeasurement or misallocation situations

Training

We are capable to deliver customizable training that greatly benefits the trainee and ultimately the sponsoring organisation. Our trainings are highly flexible in the design and delivery thus:

- ✓ Can be tailored to be specific to our clients' operation and/or sufficiently generic to provide an overview of best practice across the discipline
- ✓ Can be delivered in-house or at client's premises
- ✓ Client-specific to ensure value for money and an enjoyable learning experience.

Operational Support

We can help you design and resource your measurement and allocation team or we can provide experienced, knowledgeable personnel to work alongside client personnel. Such resources have included:

- ✓ Hydrocarbon Accountants
- ✓ Hydrocarbon Allocation Engineers
- ✓ Measurement Engineers
- ✓ Measurement and Allocation Auditors/Lead Auditors
- ✓ Measurement and Allocation Technical Authority

Software

Our software products include:

- ❑ **CHARM** - a simple, fast and cost-effective process simulation software package which models hydrocarbon behaviour specifically for hydrocarbon allocation purposes.
- ❑ **ReCCORD** - a web-based logbook originally developed to replace paper logbooks within the Metering community for recording tasks such as maintenance, calibration, and equipment replacement. ReCCORD has been adopted by several of Accord's clients as a simple, configurable, system to collect and review day-to-day operational activities.