Plant Asset Management

Asset performance management
Our service

We aim to be an integral part of your business success by enabling operational excellence through the development, implementation and management of customised strategies that deliver your asset performance objectives.

Our high calibre team combines years of specialist knowledge and experience to deliver improved business performance of oil and gas assets. This is delivered through engineering, operation, maintenance and integrity activities.

We use proven methodologies to understand the full spectrum of critical business systems and processes that influence asset performance and develop strategies to fit. These can be implemented and managed across the full life cycle to deliver excellent, safe, reliable and effective performance that others cannot.

Why Plant Asset Management?

- we combine specialist knowledge in consultancy, management, engineering and software
- a continual investment to broaden our delivery capability helps us strive for excellence in all facets of our business
- our flexible, analytical and technically-minded approach lets us add value where others cannot
- we ensure assets meet international regulations and achieve optimum performance that stands the test of time
- an unrivalled heritage as part of a major engineering, consulting and operating company allows us to best understand your requirements

Our achievements

Asset Management Systems
- providing ongoing service support on a critical IBM Maximo implementation for a major duty holder operating company in the North Sea
- development of a maintenance management system, processes and procedures for a national oil company in the Middle East

Asset Performance Consulting
- developed and implemented a reliability acceleration programme focused on safety and production critical equipment for an operator with assets in offshore Equatorial Guinea
- performed a number of maintenance and integrity management reviews for North Sea operators involving a structured programme of activities related to current state assessment, benchmarking against industry best practice, and improvement plans associated with gap closure

Asset Management Programme Development
- a complete work management system (WMS) was developed and implemented for a global gas organisation, with greenfield LNG facilities development in Australia
- provision of an on-going dedicated support team responsible for CMMS development on fleet new builds and brownfield data validation and enhancement for the largest independent operator of FPSO's

For more information on our provision of asset performance management solutions, please contact:
pam@petrofac.com or visit us at www.petrofac.com

Further achievements

Asset Performance Improvement
- the set-up and on-going management of a condition based maintenance programme for a major FPSO operating company, for 19 vessels, delivering expert analysis in driving performance improvement
- developing and implementing an RBI methodology and programme on mature onshore operating assets and a new offshore facility for a European based operating company, incorporating knowledge transfer for sustainable performance

Asset Integrity Assurance
- implementation of a five year rolling assurance audit programme for a major North Sea operator
- development and implementation of an asset integrity management framework for a major offshore operating company to achieve best in class asset integrity performance

Operations Readiness Consulting
- development of an integrated reliability, maintenance, integrity and materials programme build roadmap for a major IOC, incorporating defined tasks and associated methodologies, process flowcharts, lessons learned and referenced standards and guidance
- supported the development of maintenance and repair strategies for onshore facilities and the provision of professional services in design reviews for operability, reliability, maintainability and startup/commissioning for a major LNG project