

Oil & Gas

Engineering Services, Safety & Asset Management

For over 40 years BMT WBM has built a reputation for providing high quality specialist engineering support services to industry. BMT WBM has extensive capabilities to support Oil & Gas projects in all stages of the project lifecycle.

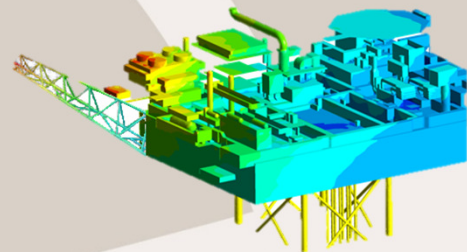
BMT WBM's has supported Oil & Gas and marine clients by providing engineering and asset management services for the following systems;

- Lifting Appliances, Cranes and Winches
- Compensation Systems
- Air Compressor Systems
- Hydraulic Power Units
- Control and Monitoring
- Fire Suppression Systems
- Oily Water Systems

BMT WBM consultants have extensive expertise when designing or seeking compliance for system and equipment compliance to:

- Classification Rulesets (ABS, DNV, GL, LR, BV);
- API;
- LAME;
- ASME;
- ANSI;
- AS/NZS standards and
- IECEx & ANZEx

BMT WBM engineering services incorporate a highly skilled team of risk and safety practitioners who are fully versed in the Safety Case approach for the management of risk in the Oil & Gas industry. BMT WBM can provide expert practitioners to assist in FME(C)A and Risk workshops.



Key engineering services

- Advanced Analyses (CFD, DEM, FEA, fatigue & coupled analysis)
- System and Drilling Plant Detailed Design
- Concept Design & Feasibility Studies
- Classification Society Liaison
- Construction Technical Support
- Test & Commissioning Specifications
- Structural Analysis & Stability Assessments

Key safety services

- Hazard and Risk
- Safety Case Development and or review
- FME(C)A

Key Asset Management services

- Condition Monitoring & Instrumentation
- Structural and Mechanical Condition Assessment
- Failure & Damage Investigation
- Reliability Centred Maintenance