



Operational risk & performance assurance

Rig intake assurance

Independent verification that the rig you contract is operationally ready

Rig intake is one of the most critical phases of a drilling campaign. Selecting and accepting a rig that is not fully prepared for the planned operation can expose operators to mobilisation delays, regulatory challenges, safety exposure and costly non-productive time.

For more than 40 years, ModuSpec has supported operators and drilling contractors with rig selection, inspection and acceptance across the global drilling industry. Our operational risk & performance assurance (ORPA) approach builds on this experience by providing independent verification that the rig, its systems and the operational organisation supporting it are ready to perform safely and reliably.

Rather than focusing solely on equipment inspection, ORPA evaluates the readiness of the entire operational system – including operational controls, workforce

capability and governance frameworks – ensuring the rig can deliver reliable operational performance from day one.

Applying ORPA to the rig intake process

Rig intake assurance is delivered through ModuSpec's operational risk & performance assurance framework, applying five complementary assurance pillars throughout the rig selection, inspection and acceptance process.

Operational readiness

Operational readiness assurance confirms that the rig, its operational systems and supporting governance structures are prepared for the planned drilling programme.

This includes verification of rig suitability, operational procedures, management systems and regulatory compliance arrangements. Environmental readiness is also assessed to confirm that environmental management systems and pollution prevention controls align with regulatory requirements.

Control verification

Control verification provides independent confirmation that the safeguards intended to prevent high-consequence events remain effective.

This includes verification of dropped object prevention arrangements, lifting operations, working-at-height systems and the certification status of safety-critical equipment.

Competence assurance

Competence assurance verifies that personnel assigned to the rig possess the capability required to perform high-risk operational tasks safely and reliably. This includes reviewing crew competency systems, validating competence evidence and assessing training arrangements to confirm competence is demonstrated in practice.

Governance confidence

Governance confidence assurance confirms that the organisational systems responsible for managing operational risk are properly implemented.

This includes reviews of health, safety and environmental management systems, maintenance management processes and contractor governance arrangements.

Incident investigation

During rig intake we review how operational events, near misses and incidents are recorded, investigated and managed.

This includes verifying that corrective actions are implemented, tracked and that lessons learned are integrated into operational practices.

Additional operational assurance scopes

Additional targeted assurance reviews can be integrated into the rig intake process through bespoke scopes aligned with the project's risk profile, including:

- Safety culture and organisational effectiveness assessments
- Environmental compliance and environmental management system reviews
- Risk-based management system audits (ISO 19011 aligned)
- Contractor governance and interface management reviews
- SIMOPS risk and operational interface assessments
- Operational risk and barrier management reviews
- Human factors and operational decision-making assessments

Leadership value

Rig intake assurance provides operational leaders with clear, independent insight to support confident decision-making at a critical stage of the drilling lifecycle. By highlighting material gaps, priorities and risk exposures before contract acceptance and mobilisation, ORPA enables timely intervention, strengthens accountability and supports informed go / no-go decisions.

This helps organisations reduce start-up risk, strengthen operational discipline and avoid costly delays associated with poorly prepared rigs.

Independent. Risk-based. Operationally grounded.

MR MODUSPEC

Over 40 years of strengthening operational performance through independent verification in live operational environments.

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