

ASSET INTEGRITY MANAGEMENT

Staying Fit for Purpose Over the Whole Lifecycle

OVERVIEW

The management of physical assets - selection, maintenance, inspection and renewal - plays a key role in determining the operational performance, safety and profitability of your industry.

SOLUTION

What is Asset Integrity Management?

Asset Integrity is the ability of an asset to perform its required function effectively and efficiently while safeguarding life and the environment. Management activities ensure that the people, systems, processes and resources which deliver integrity, are in place, in use and fit for purpose over the whole lifecycle of the asset.

The objective of an Asset Integrity Management (AIM) system is to maximize the return on assets while maintaining stakeholder value and minimizing business risks associated with accidents and loss of production.

What are the key benefits?

Asset Integrity Management ensures that the assets stay fit for purpose – safe and operational – under all circumstances. Asset integrity management delivers:

- Safety improvement
- Reliability improvement
- Optimization of maintenance and inspection activities to meet safety and business targets

WHY BUREAU VERITAS?

Bureau Veritas is committed to offering the highest level of AIM services for leading oil and gas companies throughout the world. Services we have offered companies like Total, Sinopec, Petrobras, QGPC and Exxon include:

- Asset criticality analysis
- Asset validation studies
- Reliability centered maintenance
- Failure mode effects analysis



BUREAU VERITAS SERVICE SHEET

OUR APPROACH

Bureau Veritas carries out an initial screening survey to understand the key issues such as: governance, implementation of process or information management.

This is followed by a 3-stage process:

- Risk assessment – identify the integrity-critical plant elements and their modes of failure.
- Management decisions – define performance standards, develop and implement the programs for inspection, maintenance and audit.
- Reporting and follow-up – live status reports, interpretation and feedback.
- Reporting

RELATED SERVICES

Bureau Veritas offers a wide range of services related to safety:

- Asset Validation
- Asset Criticality Analysis
- Reliability Centered Maintenance
- Risk-Based Inspection
- Failure Mode Effects and Criticality Analysis
- Hazard Identification (HAZID)
- Hazard Operability (HAZOP) Study
- Reliability, Availability and Maintainability (RAM) Studies
- SIL Certification

For details about this service, please contact Bureau Veritas
P 888-357-7020 | E usinfo@bureauveritas.com | www.bvna.com