ASSET RELIABILITY CONSULTING

Improved performance. Sustained performance.

BUSINESS CHALLENGE

Businesses are under ever-increasing pressure to deliver improved returns on the investment made in their physical assets.

Assets are required to operate with exceptionally high reliability and generate high quality output. There is pressure to reduce maintenance and operation costs. It is critical that organisations continually review the relevant statutory and regulatory obligations of their operations in order to reduce risk and to avoid exposing the business and individuals to safety issues and potential litigation.

SOLUTION

Asset Reliability Consulting, a division of Bureau Veritas Asset Integrity and Reliability Services, provides an integrated suite of services to raise the asset management capability of its clients.

We are your dedicated partner in improving and sustaining asset performance. The team uses an integrated, systematic methodology to transform business processes in three main areas:

EQUIPMENT RELIABILITY
-Delivering increased up-time

PRODUCTION PERFORMANCE
-Delivering improved yield

STATUTORY COMPLIANCE
-Delivering reassurance and reduced risk

Our highly skilled and experienced engineers, line managers, technicians and consultants can design and manage every facet of the improvement project. The provision of on-site personnel or regular coaching and mentoring can assist in achieving continued improvements.

BENEFITS

- Reduce risk
- Extend asset life
- Increase asset availability and productivity
- Increase output
- Improve yield
- Improve control
- Simplify processes
- Lower expenses

WHY CHOOSE BUREAU VERITAS?

Recognition Founded in 1828, Bureau Veritas is a world leader specialising in conformity assessment services related to Quality, Health, Safety & Environment (QHSE).
Certified to ISO 9001 for all of its activities globally, Bureau Veritas is well known for its ability to adapt to changing client environments and situations and for its commitment to providing leading solutions through quality service.

Knowledge & Expertise Through expert local teams and technical knowledge, Bureau Veritas are able to deliver packaged and targeted solutions and information, to support our clients' unique business requirements.

Network With a network of 900 locations, and over 40,000 employees in more than 140 countries, Bureau Veritas provides solutions to over 370,000 clients throughout the world across a diverse range of industries.

OUR APPROACH

Our focus is on improving asset performance, reducing costs, simplifying business processes and ensuring continuous improvement.

No two businesses are the same. After systematic analysis of your business we develop an improvement plan to meet your individual needs. Our solutions and analysis tools are drawn from an expansive range of techniques, with the support from our global network of experienced personnel.

You can depend upon our team to work flexibly to deliver adaptable solutions that can be scaled to meet your needs. It is our rigorous methodology, focused on measurable benefits, that distinguishes us. We identify, implement and sustain improvements in your strategy, process, people and technology.

IDENTIFY

- Audit and Review
  - —Equipment reliability
  - —Production performance
  - —Compliance management

IMPLEMENT

- Project management
- Change management
- Process improvement
  - —Process mapping
  - —Criticality analysis
  - —Statistical analysis
  - —Root Cause Analysis (RCA)
  - —Failure Modes and Effects Analysis (FMEA)
  - —Reliability Centered Maintenance (RCM)

SUSTAIN

- Audit and Review
- Outsourced management
- Coaching and mentoring
- Expert advice and technical assistance

FOR IMPROVEMENTS IN

- Strategy
- Process
- People
- Technology

CASE **STUDY**

Equipment Reliability

Bureau Veritas has improved the performance of a large mine site's Condition Monitoring (CM) program.
The strategies and processes used to derive condition-based maintenance recommendations were revised.

A new, robust CM schedule was developed that increased the utility of condition-based maintenance recommendations, lowered plant operating risks and made better use of available resources. The improved CM process, designed to suit existing site information systems, increased the accuracy of CM recommendations and provided them to planners earlier in the site's planning cycle.

A performance tracking system, as well as a coaching and mentoring program, ensures that the performance improvements achieved are sustained.

Statutory Compliance

Following a full compliance management program audit of a large mineral processing plant, a compliance improvement program was developed and implemented to successfully address the root causes of non-compliance.

The program has improved control of compliance and led to the rationalisation and improvement of maintenance tasks. Including compliance in employee performance indicators is one way to ensure that ongoing improvements are being achieved and sustained.

CONTACT

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