Why would I invest in R&MM?

While traditional reliability and maintenance management practices may have been adequate in the past, most companies are looking to improve the performance of their operations. Investing in R&MM improvement can help organizations:

- Maintain a competitive advantage with existing assets
- Improve performance of existing assets
- Ensure the performance of new assets
- Reduce costs to maintain and operate new and existing assets
- Increase productivity and reduce downtime
- Extend the life of aging assets
- Work smarter with fewer resources
What’s involved in R&MM improvement?

ABS Consulting uses an integrated approach to develop and implement R&MM programs—a method, called **Total Asset Performance** that has been proven through numerous projects performed during the last 20 years. Central to this approach are three principles that:

- Addresses risks and safety impacts associated with asset integrity
- Ensures systems are engineered to reliably perform
- Implements business systems and practices for efficient operation

Most importantly, this is not a one-size-fits-all approach. We team with organizations to develop solutions and programs that fit your goals, operating and maintenance philosophy, workforce culture and asset base.

Our R&MM services employ a four-phase approach which centers around culture change management—helping clients manage, enable and nurture a sound reliability culture through visible leadership engagement.

- **Phase I** – Assessment, plan development and ROI
- **Phase II** – Training and education
- **Phase III** – Plan implementation
- **Phase IV** – Re-assess, modify strategy and deploy revamped strategy

“...one could argue that the only thing of real importance that leaders do is to create and manage culture...”

- MIT Professor Dr. Edgar Schein
Risk-Based Asset Integrity Management (AIM)

Safety and operational risks associated with complex systems can be effectively and efficiently addressed through an effective AIM program. Our solutions help organizations define and implement activities and management systems needed to assist asset integrity and transform their program from a compliance-based program to a more effective risk-based program. ABS Consulting can help organizations:

- Understand the safety and operational risks of assets
- Optimize inspection and maintenance strategies through RBI and RCM studies
- Develop and implement AIM-related management systems

Reliability-Focused Design

For new assets or assets undergoing significant modification, our services can help ensure that the design will meet your performance goals. Some typical solutions include:

- Reliability Predictions
- Reliability, Availability and Maintainability (RAM) Analyses
- Reliability-Centered Maintenance (RCM)
- Risk-Based Inspection (RBI) Studies
- Development and Implementation of Design Procedures and Practices

Maintenance & Operational Performance Model

For some organizations, asset performance improvement starts with a focus on improving basic management practices. ABS Consulting solutions help organizations improve their work order systems, preventative/predictive maintenance programs and storeroom processes and increase craftsmen utilization and performance. ABS Consulting focuses on:

- People and Culture
- Technical Tools and Techniques
- Site Management Systems
ABS Consulting can also help organizations address specific, more immediate performance issues to make rapid performance improvements.

**Rapid Reliability Improvement (RRI)™**

ABS Consulting helps identify and improve the most urgent reliability problems preventing assets from achieving desired performance. With this service, you will be able to quickly identify reliability improvement opportunities, understand the reliability issues and then develop and implement a reliability improvement strategy to address these problems.

**SOURCE™ Root Cause Analysis**

Our experts team with your personnel to analyze chronic or significant asset performance problems to help identify the root causes of these problems and the improvements needed to address them. Our Seeking Out Underlying Root Cause Events (SOURCE™) root cause analysis technique is a proven approach for addressing immediate asset performance problems.
What are the benefits of R&MM?

A focused strategy for asset and facility improvement allows your organization to achieve business objectives. From shareholders to project managers, a common goal of improved performance will increase return on assets, increase and extend the life of assets and build confidence in operations.

Why is ABS Consulting my best choice for an R&MM partner?

Successful reliability programs require a partner who brings expertise in the methods and tools, has proven experience in highly technical and regulated industries and can listen and adapt approaches to meet your specific needs.

ABS Consulting is that kind of partner –

...our internationally-acclaimed expertise in pioneering numerous reliability methods...

...a history of highly technical projects from offshore and marine to nuclear and aircraft to chemical and...

...our reputation for customer-focused flexibility assures your success.

How do we get started?

ABS Consulting is a worldwide organization headquartered in Houston, Texas, with offices in more than 28 countries.

Headquarters
16855 Northchase Drive
Houston, Texas 77060
Ph: 281-673-2800
www.absconsulting.com
reliability@absconsulting.com

Locations

US
Arlington, VA • Charleston, SC • Highlands Ranch, CO • Glen Burnie, MD • Hackensack, NJ • Houston, TX • Irvine, CA • Knoxville, TN • New London, CT • Oakland, CA • Rockville, MD • Salt Lake City, UT • San Antonio, TX • St. Louis, MO • Wilmington, DE

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