



Plant Inspection Services

ABS Consulting is a full-service provider of Safety, Risk and Integrity Management solutions. Our solutions can help your fixed equipment inspection program **include:**

- Regulatory-mandated requirements
- Efficient and effective work processes and policies
- Clearly defined roles and responsibilities
- Documented inspection plans and procedures
- Support information for managing mechanical integrity issues
- Optimized plans using tools such as risk-based inspection

A comprehensive inspection program can help facility management:

- Reduce safety and environmental incidents
- Lower operational risk
- Increase process reliability
- Reduce costs
- Improve regulatory compliance

Inspection Program Assessments

Do You?

wonder **how your inspection program compares** to other facilities?

know that your program **meets regulatory requirements?**

seek ways to **improve or optimize your program?**

Our specialists have examined and assessed dozens of inspection programs at refineries, oil & gas operations, petrochemical plants, specialty chemical plants and other chemical handling facilities. This field knowledge enables us to evaluate the current state of your inspection program and offer practical suggestions for improving the program so that it meets standards and reflects industry best practices.

Inspection Program Management Systems

Do You?

struggle to **define the work processes and policies** needed for an **effective inspection program?**

believe that **personnel neither know nor understand** their roles and responsibilities?

lack inspection manuals and procedures needed to meet regulatory requirements?

Using nearly 20 years of experience, we will help you define work processes and identify work process improvements. In addition, our inspection and procedure experts can help prepare inspection program support materials such as QA/QC manuals and inspection and NDE procedures.

Inspection Planning

Do You?

lack a **clear, documented basis** for **current inspection plans**?

suffer from **inconsistent inspection practices**?

seek ways to **optimize your inspection plans using proven planning tools**?

Without a documented basis, inspection plans may not reflect the current inspection philosophy or operating objectives. ABS Consulting can assess and document your inspection plan to confirm that it supports your overall strategy. We can even help you achieve improved efficiencies by moving from a time-based to a risk-based strategy. Our specialists have helped organizations implement a range of inspection plans – from straightforward plans to meet the OSHA process safety management mechanical integrity requirements to more extensive programs applying engineering tools such as Risk-Based Inspection (RBI).

Program Management & Qualified Inspectors

Do You?

have **insufficient resources** to maintain your inspection program?

find maintaining your **inspection schedule a challenge**?

From short-term peaks to long-term program management, ABS Consulting can provide qualified resources to meet your specific requirements – from qualified inspectors and non-destructive examination (NDE) technicians to program managers and consultants, we can help you establish the inspection program, develop and manage the inspection schedule and monitor inspection program activities, data and results.

Engineering Analyses

Do You?

wonder if ... a **pressure vessel can be re-rated**?

...a **damaged vessel is still fit-for-service**?

...this **test result** means that the **maintenance intervals** should be changed?

Our engineers can perform the engineering analyses needed to assess equipment conditions and provide practical solutions for continued operation or repair of equipment.

Your In-Plant Inspection Partner

ABS Consulting wants to assist you with all of your fixed equipment inspection programs. From program assessment and management system development to specialized engineering analyses and staff augmentation, we can assess where you are and then help position you to where you want to be – **reliability, availability, maintainability and operability to support profitability.**

Sustained **Safety**. Managed **Risk**. Optimized **Integrity**.

ABS Consulting

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