Jurisdictional Boiler & Pressure Vessel Inspections

A failure to conduct regular inspections of pressure vessels can result in a greater likelihood of accidents and personnel injury, along with increased legal liability. In the United States, most state laws regulate the operation and inspection of boilers and pressure vessels. While requirements vary between jurisdictions, typically, high-pressure boilers (15 psi and higher operating pressure) require one internal inspection and an additional, annual external inspection.

Unfired pressure vessels (e.g. air and water storage tanks), as well as low pressure boilers and fired storage water heaters, may also have inspection requirements. Inspection frequencies for industrial systems and components range from annual to five-year intervals.

Many states also require periodic inspections of industrial refrigeration systems, normally included with a boiler and machinery insurance contract. Yet, with today's all-risk, multilayered insurance programs and other alternative risk transfers, these mandated services often are not a part of the package, especially when insurance programs are placed directly with non-U.S. markets. ARISE’s Jurisdictional Boiler & Pressure Vessel Inspections can help you respond to these challenges.

ARISE Incorporated, a subsidiary of Global Risk Consultants (GRC), is accredited by the American Society of Mechanical Engineers (ASME) and the National Board of Boiler Pressure Vessel Inspectors to perform third-party inspections of boilers, pressure vessels, and components. ARISE inspectors hold National Board Commissions with special endorsements and multiple state licenses to provide efficient and seamless service. Structured and dedicated to servicing the unbundled insurance market, ARISE is committed to proactive involvement in our clients’ jurisdictional programs.

Jurisdictional Boiler & Pressure Vessel Inspections include:

- Formal inspections and tests performed by licensed boiler inspection personnel across all jurisdictions
- Code-required inspection/certification of boilers and pressure vessels
- Code requirement consulting for quality control, welding, nondestructive examination, and metallurgy
- Official documentation of all inspections, along with issuance of Certificates of Operation on a timely basis
- Issuance of operating certificates for jurisdictional objects in the U.S., Canada, & Puerto Rico
- Government-mandated jurisdictional inspections and issuance of required certifications
- Formal review and certification of repairs and alterations made to fire and pressure vessels
- Inspections of pressure vessels as mandated
- by the Mine Safety and Health Administration
- Inspections of new fabrication of boilers, pressure vessels, and components for compliance to ASME and Pressure Equipment Directive (PED) standards
- Accreditation by ASME and the National Board of Boiler Pressure Vessel Inspectors
- Third-party inspections for fabrication of boilers/pressure vessels in the U.S., Europe, & Asia
- Training programs that focus on ASME and National Board quality control programs and boiler maintenance and operations
- Shop inspection services for manufacturers of boilers and pressure vessels
- Inspections of repairs and alterations to boilers and pressure vessels
- Tracking of certificate expirations and violations on line with full access to object lists
- Providing official documentation and tracking of certificates and violations/recommendations
- Assistance in developing regulatory-compliant Corporate Standards
- Inspections to other standards, such as mine safety and health requirements, and D.O.T.

The benefits of GRC Jurisdictional Boiler & Pressure Vessel Inspections include:
- Full jurisdictional services from an accredited Authorized Inspection Agency licensed in all 50 states
- Comprehensive capabilities that include inspection of authorized repairs
- Ability to provide inspection services for U.S. possessions and Canada
- Capabilities of an approved Certification Agency registered with the Department of Transportation
- Convenience of one annual service contract that encompasses all jurisdictional inspection services
- Quality services that are accredited by the American Society of Mechanical Engineers
- Expertise of competent field personnel who are licensed by the National Board

All required reports, operation certificates, and related documents are included in our contract. After the inspections, we continue to monitor regulatory developments and fine-tune our programs to meet our clients’ jurisdictional inspection needs.