



# Pressure Vessel Inspection Service

## How Often Should Vessels Be Inspected?

The National Board Inspection Code (NBIC) specifies that pressure vessels shall be inspected at 1/2 of the remaining vessel life, or 10 years, whichever is less. Whenever the remaining life is less than 4 years, the inspection interval may be the full remaining life, up to a maximum of 2 years. The inspection interval will be established by the inspector based upon vessel condition and corrosion rates found during the first and consecutive inspections.

## Why Use PRI?

As experts about your PRI equipment, PRI's technicians and engineers can ensure the inspection is performed without impacting the performance of your system. Additionally, **many customers opt to combine this service with our Annual Certification service**, to ensure the following:

- Meet Regulatory Guidelines
- Assure Ongoing System Reliability
- Gain Annual Instrument Calibration
- Monitor and Assess Operational Status
- Test Filters and Capacity
- Evaluate Component Functionality

## What's Included?:

Our certified NDT technicians and licensed engineers will provide a comprehensive inspection of your processing equipment and provide the information to take preventative measures, optimize efficiency, avoid failure, increase service life and reverse corrosion. Lifetime and functionality is affected by operating conditions, water conditions and maintenance procedures. Upon completion of inspection, operators will be presented with documentation of inspection and results.

- Eddy Current
- Remote Field Heat Exchanger Tube Evaluation
- Ultrasonic Thickness Test
- Articulating Boroscope
- Magnetic Particle
- Liquid Dye Penetrant
- Vacuum Leak
- Alloy Identification (On-site)
- Corrosion Analysis
- Remaining Life Calculations
- Coating Analysis

## Technician Qualifications:

- Certified NDT Inspectors
- Certified Welding Inspectors
- Field inspections are supported by a complete materials testing laboratory and registered professional engineers
- Certified API 653 Inspectors
- Knowledge, experience with applicable codes, standards, regulation including American Petroleum Institute (API) standards-510, 570, 653 and NBIC