MECHANICAL INTEGRITY

Early mechanical integrity programs focused on corrosion as the main damage mechanism and inspection intervals were determined by a combination of corrosion rates and fixed intervals based in **API 510, 570 and 653 codes**. Many plants embarked on these programs as a way to comply with the federal mandate rather than initiate the program as a good business practice. However, as many industries continued to experience catastrophic equipment failures, less than reliable equipment operation and high maintenance costs, the need for a sound mechanical integrity program began to gain traction.

KEY BENEFITS

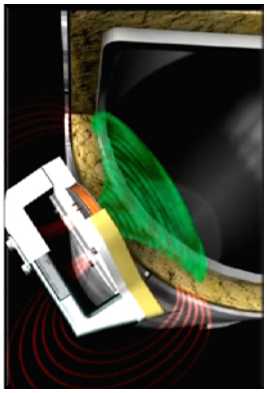
- Grass Roots program development
- Level I or Level II GAP analysis of existing programs
- Traditional NDE support
- Advanced NDE support
- Mechanical Integrity Software
- Software implementation services
- RBI software and implementation
- MI implementation services
- Program Management
- Full Regulatory Compliance
- Reduction in Maintenance Costs
- Improved Plant reliability
- Right sized inspection programs
- Latest Risk Based software
- Latest Risk Based NDT inspections
- Single source implementation services

570 — Piping

⇒ Visual
⇒ Video Probe
⇒ IncoTest
⇒ Guided Wave Ultrasonics
⇒ CML's
⇒ Corrosion under Insulation
⇒ CR Profiling
⇒ UT TOFD / Phased Array

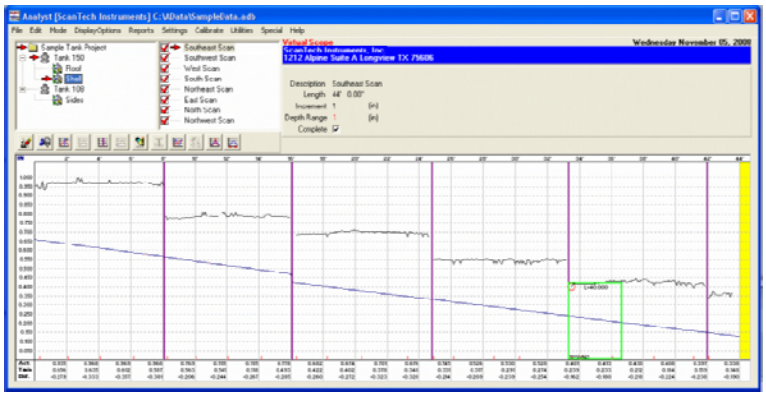
510 — Pressure Vessels

⇒ Visual
⇒ Video Probe
⇒ IncoTest
⇒ CML's
⇒ Corrosion under Insulation
⇒ Tube Bundle Inspection
⇒ Eddy Current
⇒ RFT
⇒ IRIS



653 — Above Ground Storage Tanks

⇒ Visual
⇒ Video Probe
⇒ IncoTest
⇒ Ultrasonic Crawlers
⇒ CML's
⇒ Magnetic Floor Scanners (MFE)



Additional information please contact 517-531-8210 ask for Operations Department or visit our website @ www.janxndt.com