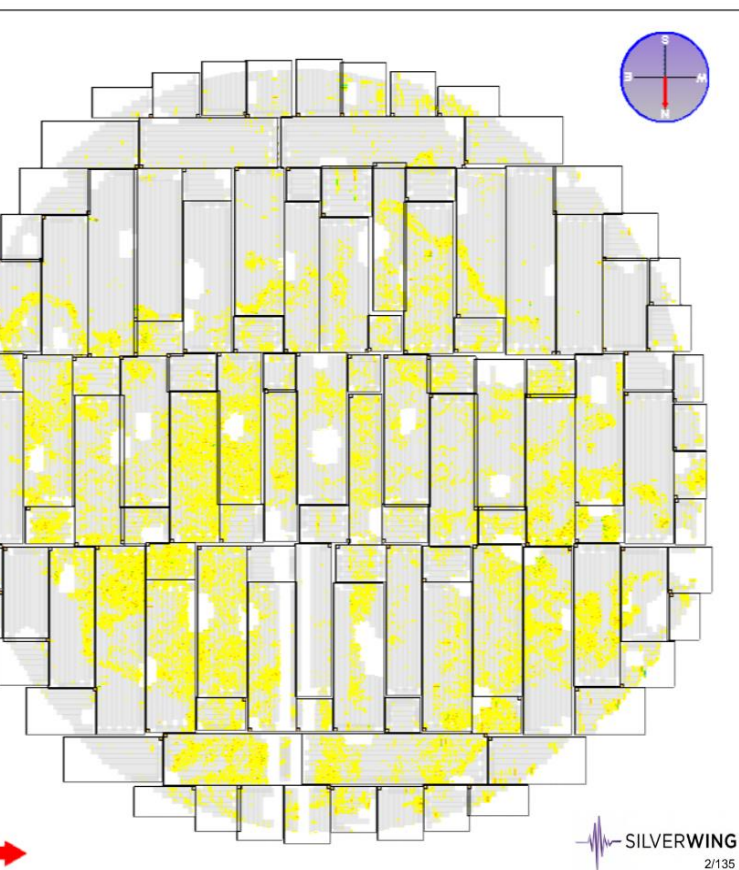
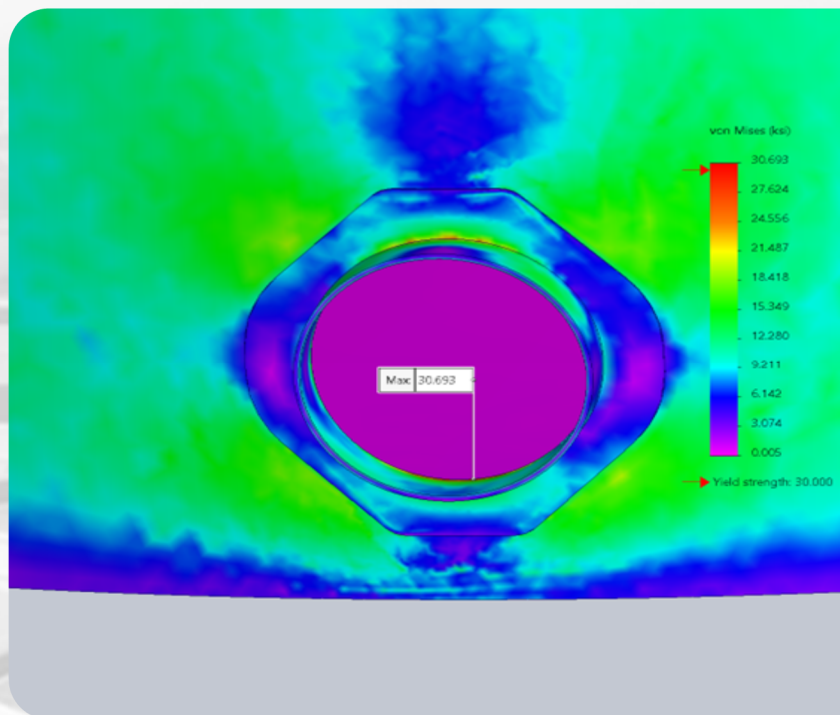


Above Ground Storage Tank Inspections, Volumetric Calibration, Fitness-for-Service Evaluations and Construction and Repair Surveillance

CANEIL offers comprehensive AST assessment services, utilizing cutting-edge NDE technologies. Our expertise provides end-to-end support for your storage tank needs, delivering accurate, quantitative data for AST evaluations. We carefully select NDE techniques based on their performance, reliability, and the value of the information they provide, empowering you to make informed decisions for the maintenance and management of your assets



- MFL Floor Scanning (Silverwing 3D)
 - Top and Bottom Side Discrimination
 - Ability to Scan Through Coatings up to 0.250 inch thick
 - Evaluate Floor Plates up to 0.500 inch thick
- Remote Access Crawlers for Ultrasonic inspections on the Shell and Roof.
 - Thickness readings with A and B Scans
 - Corrosion Mapping with A, B and C Scans
- Tank Strapping and Shell Deformation Tables
- Finite Element Analyses (FEA)
- Fitness for Service Evaluation (FFS)
- Risk Based Inspections (RBI)
- 3D Laser Scanning and Modeling In-house
- Fixed Roof Structure Assessments using Specialized Aerial Drones
- Rope Access Trained Inspectors (NDE and API)
- Floating Roof Seal Evaluations
- API, STI, DOT, CCME Compliant Inspections

United States

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A Tradition of Excellence in Providing Complete Asset Integrity

Engineering Services:

- Risk Based Inspection (RBI) Assessments
- Process Circuitization Development
- Failure Mode and Damage Mechanism Analysis
- Remaining Life Assessments
- Overpressure Protection by System Design (OPPSD) Assessment
- Over Pressure Risk Assessment
- Welding Procedure Review and Development
- Reliability Engineering Support for Multiple Disciplines (Mechanical, Process, Civil and Electrical/Instrumentation)
- Design, Alteration and Repair
- Equipment Re-Rating
- Fitness-for-Service
- Stress Analysis
- Integrity Management Services
- Inspection and Test Plan Services
- Corrosion Mitigation
- Material Selection
- Project Management
- Pipeline Risk Assessments
- Visual Inspection and NDE Report Quality Review
- Corrosion Under Insulation (CUI) Assessments and Programs

Non-Destructive Examination (NDE):

- **Conventional NDE (MT/PT/UT)**
 - Magnetic Particle Inspection (MPI)
 - Liquid Penetrant Inspection (LPI)
 - Ultrasonic Thickness Testing (UTT)
 - Shear Wave Ultrasonic Testing (SWUT)
- **Advanced Ultrasonics**
 - Phased Array (PAUT)
 - Time of Flight Diffraction (TOFD)
 - Automated Corrosion Scanning (AUT)
 - Hydroform Corrosion Scanning
 - Guided Wave Ultrasonic Testing
 - Short Range Guided Wave Inspection
- **Other Advanced NDE**
 - Tubular Inspection (ET/RFT/NFT/MFL)
 - Surface Eddy Current Inspections
 - Pulsed Eddy Current (PEC)
- **Material Testing**
 - Hardness Testing
 - Ferrite Testing
 - Positive Material Identification
 - X-ray Fluorescents (XRF)
 - Optical Emissions Spectrometry (OES)
 - Laser-Induced Breakdown Spectroscopy (LIBS)

Visual Inspection Services:

- API 510 Inspections (Pressure Vessels)
- API 570 Inspections (Pressure Piping)
- API 653 Inspections (Above Ground Storage Tanks)
- API 1169 (Pipeline Construction Inspections)
- API 1184 (Pipeline Facility Inspections)
- API 982 (Refractor Inspections)
- Power and Heating Boiler Inspections
- National Board In-Service Inspectors
- Fabrication/Repair Quality Surveillance
- NACE Coating Inspections (Level I, II and III)
- CWB/AWS Welding Inspections (Level I, II and III)
- Right of Way (ROW) Inspection and Vegetation Removal
- Remote Visual Inspection
- Aerial Drone Inspection

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