



# Online Storage Tank Floor Inspection Services

- API 653 tank floor inspection service for filled tanks
- Eliminate unnecessary tank turnarounds
- Complete coverage analyzed in real time
- Certified explosion-proof to Class 1, Div 1

## Inspect Tanks While In-Service

Diakont provides comprehensive storage tank floor inspection services using Stingray inspection systems while the tanks remain filled and operational. Certified Diakont inspection personnel deliver reliable results while maintaining an industry-leading safety management system. Using a combination of non-destructive examination (NDE) sensors, explosion-proof Stingray inspection systems supply complete inspection coverage, meeting API 653 inspection requirements.

Stingray inspection systems are equipped with water jets and power scrubbers to clear tank floor sludge and sediment, allowing the onboard magnetic flux leakage (MFL) and an array of ultrasonic testing (UT) sensors to capture high accuracy integrity data. Stingray systems are also equipped with advanced navigation modules that use 3D sonar imaging for mapping their location within the tank.

## Eliminate High Cost of Downtime

Diakont's tank floor inspection services exceed API 653 inspection requirements while eliminating the high costs and downtime of taking storage tanks out of service.

## Get the Max Benefit from your Inspections

Diakont's expert team of project managers, field robotics engineers, and NDE technicians will guide you through the entire inspection process to fully support your integrity management programs.

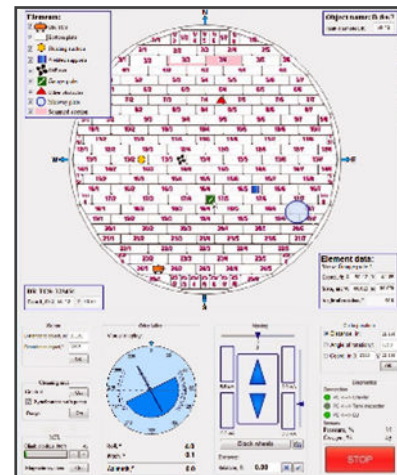
Whether your tank floor requires a complete inspection or just a condition assessment to support risk-based turnaround scheduling, Diakont's inspection teams will ensure that your inspections are conducted in the safest and most efficient manner possible.



## Comprehensive Inspection Solution

Diakont's Stingray inspection systems are equipped with multiple NDE sensors to assess the actual integrity of storage tank floors.

- Magnetic flux leakage (MFL) – High resolution sensors for detecting anomalies
- Ultrasonic testing (UT) - High accuracy sensors for collecting floor thickness measurements and sizing anomalies
- 3D sonar imaging - XYZ scans of tank floor and internals for mapping and navigation



Complete tank floor map generated in real-time

## USA

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