



VERSA
INTEGRITY GROUP

Nondestructive Examination Services

PULSED EDDY CURRENT



Corrosion under insulation (CUI) is one of the largest problems in the petrochemical industry.

Previous methods of inspection were limited to single points of inspection or requiring removal of insulation. This is not only time consuming but expensive. This is why we are bringing you the next generation of CUI inspections.

Introducing the reinvention of Pulsed Eddy Current.

Versa Integrity Group is leading the way in cutting edge technology. We have joined forces with Eddyfi to bring their newest and most innovative technology to your doorstep. The Lyft is Pulsed Eddy Current reinvented, and allows the inspector to do corrosion mapping without the need to remove insulation.

Pulsed Eddy Current Like You've Never Seen

Our inspectors can pinpoint damage mechanisms such as erosion and corrosion through up to 6 inches of insulation and temperatures ranging from less than -240 degrees to 930 degrees fahrenheit.

With Pulsed Eddy Current taking such a giant leap forward, Versa is proud to stand behind the Lyft. This technology allows for greater speed and accuracy as well as allowing the technician to spend little time calibrating. Calibration takes only 30 to 45 seconds, giving you reliable and repeatable results. Similar systems in the past have taken much longer and are less accurate overall.

BENEFITS

- Carbon steel structures: -240°F to 930°F
- Dynamic scanning up to 3" per second
- Pipe diameter down to 4"
- Test for CUI through insulation up to 6" thick
- Test nominal wall thickness of carbon steel up to 1.5"
- Accurate within +/-10%
- Repeatable results
- Corrosion scab measurement capabilities
- Detects ID and OD indications
- Built in encoder for accurate flaw locations
- Perform point scans or C-scan
- Not affected by wet insulation
- Faster than previous technology
- 3 sizes of probes for optimal accuracy
- Calibration not user dependent
- Easy to read reports with detailed C-scan maps

THE UNIFIED SOLUTION.

Versa Integrity Group is expanding operations to cover the areas that are close to our clients. If you need solutions to your complex NDE, inspection, and reliability challenges, we have an office that can quickly and conveniently meet your needs.