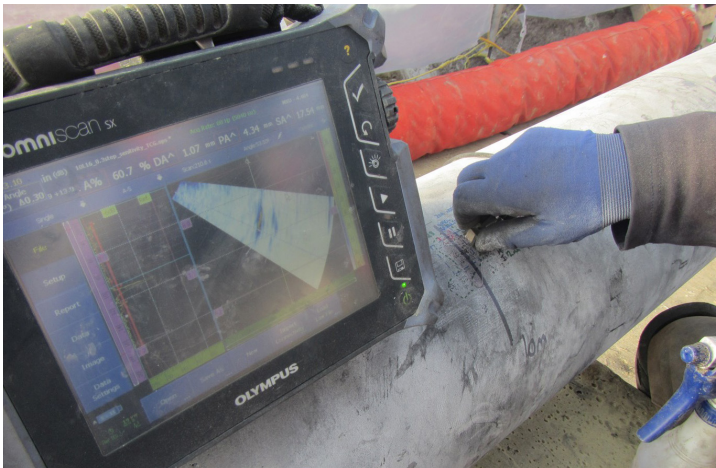


# ADVANCED ULTRASONICS

Advanced ultrasonic techniques are crucial to our offerings as there have been many innovations to the fundamental ultrasonic techniques in recent years. They are used to assess the condition of many types of equipment and piping.



## SUBSERVICES:

- Phased Array/Time of Flight Diffraction (PAUT/ToFD)
- Creep Wave (CWUT)
- Full Matrix Capture/Total Focusing Method (FMC/TFM)
- Adaptive Total Focusing Method (ATFM)
- Automated Corrosion Mapping (AUT)
- Long Range Guided Wave (LRUT)
- Mid-Range Guided Wave (MRUT)

## THE ECHO ADVANTAGE:

- Experienced certified technicians
- Cutting edge technology
- Detailed quality reporting

## APPLICATIONS:

- Assessing the condition of storage tanks, pipelines, pressure vessels, and other critical equipment
- Customized solutions
- Full volume or focused weld inspections
- Flaw characterization with increased sensitivity and 3D Imaging
- Complex Geometries and varying materials
- Flange scanning, valve body, and bolt inspections