



# AUTOMATED ULTRASONIC TESTING (AUT)



## ULTRASONIC CORROSION MAPPING

Automated Ultrasonic Testing (AUT) is an ultrasonic technique used for mapping variations in material thickness. AUT can quickly detect and map out corrosion, laminations, blistering, as well as any HIC/SOHIC damage. The analysis software is capable of measuring and reporting critical features necessary for Fitness for Service determination.



REAL TIME  
RESULTS



INCREASES  
ACCURACY



INCREASES  
RELIABILITY

## KEY ADVANTAGES:

- Real-time results
- Accurately and quickly measures material thickness
- Detects surface breaking corrosion and embedded defects
- HIC/SOHIC damage evaluation
- Rapid data results for Fitness for Service calculations

## AUT METHOD APPLICATIONS:

- Pressure vessels
- Piping
- Tanks



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