

# Long Range Ultrasonic Inspection / Guided Wave Testing

The Oil, Gas, Chemical industries rely on the integrity of their transmission and process pipes to ensure plants are operating safely and efficiently. Corrosion and erosion can be unpredictable and if left undetected will cause a loss of containment, which for many sites is an unacceptable risk to safety and the environment.

## SOLUTION

Long Range Ultrasonic Inspection, also known as Guided Wave Testing, is a rapid testing or screening technique used to detect, locate, and classify defects in pipe structures.

Large sections of piping can be quickly screened with 100% volumetric coverage to determine precise locations of significant corrosion and or erosion damage. This ability to screen large areas or pipes quickly enables the informed deployment of other inspection tools on areas that have been identified. This is a cost-effective approach that reduces scaffolding requirements and the unnecessary removal of insulation while still ensuring all pipes are tested.

## DELIVERY

ARI provides Long Range Ultrasonic Inspection across a wide range of pipe dimensions anywhere in Australia. We have invested in the latest equipment to ensure we deliver efficiently and with the highest probability of detection possible. Analysis is conducted on site by the specialists collecting the data and when points of interest are identified and located by Long Range Ultrasonics, we can provide follow-up high-resolution scans of that area to ensure decisions can be made confidently.

## FURTHER INFORMATION

For further information on how ARI can assist your organisation with Long Range Ultrasonic Inspections, please contact:

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