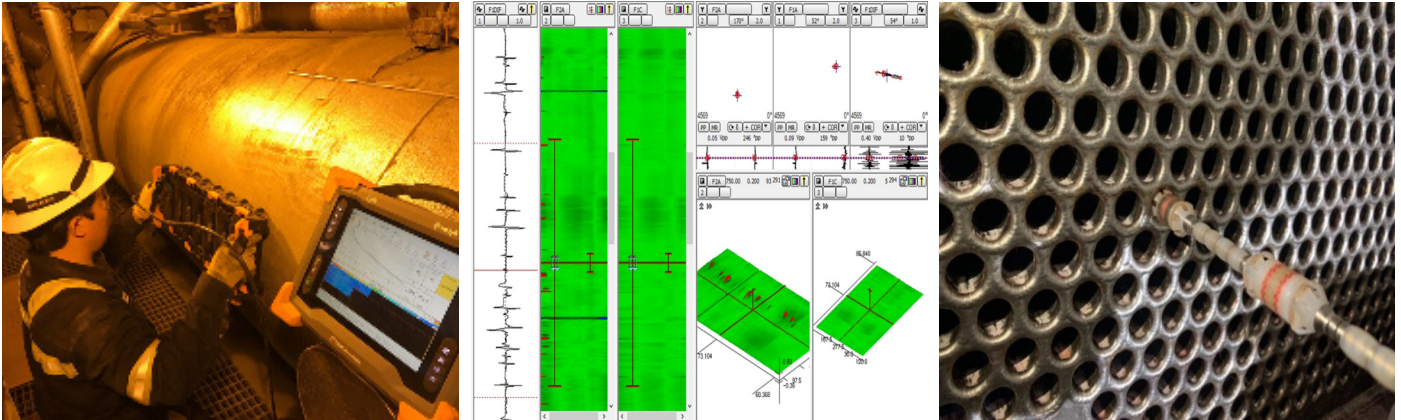


Advanced Electromagnetic Testing

Industrial Solutions

**CURTISS -
WRIGHT**

Power & Process Products and Services



Advanced Electromagnetic Testing

For over 35 years, Curtiss-Wright has provided Advanced Electromagnetic Testing services to the oil and gas industries. Our team of experts develops and delivers the latest technology, procedures, and programs to help ensure continued safe operation, equipment reliability, and compliance with industry and regulatory standards. Our highly skilled and experienced technicians utilize the latest in Advanced Electromagnetic Testing (AET) to provide customers with innovative solutions for technically challenging and critical situations.

Pressure Vessel, Piping, and Tubing AET Services

Curtiss-Wright's experienced staff provides extensive expertise in delivering electromagnetic services. Our specializations include:

- Surface Eddy Current (Array Capable)
 - ECT Surface weld testing Single probe or Array probes
 - Flexible Array probes for challenging or complex geometry inspections
- Alternating Current Field Measurement (ACFM)
 - Accurate depth sizing in ferrous material
 - Anticipated flaws with depths greater than .250"
 - Best for through coating examinations, which saves time and money on abatement and recoating
 - Array capable of crack detection and sizing for greater coverage faster
- HX Condition Assessment, including Conventional and Specialized Tubing Examinations
- Damage Mechanism Identification, Quantification, and Possible Corrective Action Development
- 3-D Modeling of Damage Areas for HX, Piping, and Vessels
- Remote Field Testing in Ferrous Material
 - Boiler Tubing Applications
 - Specialty Alloy (Duplex, Monel, Nickle 200 Applications)
- Near Field Testing for Aluminum Finned Applications
 - Array Probe Techniques
- Tube Plugging and Stabilization Services

Curtiss-Wright also provides array probe technology for flaw characterization, allowing for specific corrective measures and the determination of a component's remaining useful life. Additionally, we deliver innovative remote controlled robotic technology for a wide variety of dangerous and/or contaminated environment.

CONTACT INFORMATION:

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