

# Ultrasonic inspection

Leaks in compressed air or vacuum systems, bearing vibrations, steam trap failures, and electrical arcing all create noise that cannot be heard by the human ear. These vibrations can be pinpointed and measured by MRES technicians using ultrasonic equipment.

## Why is an ultrasonic inspection important?

- Saves you energy dollars
- Allows for more efficient operation
- Reduces the wear and tear on machinery
- Allows for replacement of equipment before failure
- Identifies potential inefficient equipment
- Identifies workplace hazards

## Our inspections can identify...

- Leaks in compressed air systems
- Inefficient vacuum systems
- Correct lubrication levels in motor bearings
- Malfunctioning steam traps
- Arcing and corona in electrical systems

## Providing solutions

The MRES Ultrasonic Inspection Report includes:

- Potential energy savings
- Calculated production losses
- Visual identification photos
- Comments on problem area(s) and equipment
- CD-ROM
  - Allows for copy reproduction
  - Downloadable image viewer allows for annual comparison

## How do I sign up?

It's easy to sign up for our inspection plan. Email us at [energyservices@mrenergy.com](mailto:energyservices@mrenergy.com), or call us at 1-800-678-4042.

## Did you know?

Your ultrasonic inspection service can potentially qualify for an energy-saving rebate from your local municipal utility and Missouri River Energy Services as part of the Bright Energy Solutions<sup>®</sup> program.

