

Put **Power Services Inc.** to the Test...

Ultrasonic Scanning



Are your profits disappearing into thin air?

Ultrasonic Scanning will help you:

- ✦ Identify Costly Air Vacuum Leaks
- ✦ Locate Systems Losses
- ✦ Track and Monitor Motor Bearing Wear
- ✦ Expose Electrical Tracking and Corona Effects

We can also perform Air Production Cost Analysis and Quantification of Air Leakage Costs. Undetected air leakage can exaggerate air requirements which can lead to over-sizing equipment. Once air leaks have been addressed, they can be corrected at little cost by a maintenance team.

Data Based Mechanical Inspection/Trending

- ? Bearing Condition
- ? Rubbing Conditions
- ? Cavitation
- ? Gears/Gear Boxes
- ? Pumps/Motor

Data Based Leak Detection/Energy Audits

- ? Compressed Air
- ? Compressed Gases
(O₂, NO, etc.)
- ? Vacuum Leaks
- ? Seals & Gaskets
- ? Condenser Tubes
- ? Cockpit Windows
- ? Hatches
- ? Boilers
- ? Heat Exchangers
- ? Valves
- ? Steam Traps

Data Based Electrical Inspection

- ? Arcing
- ? Tracking
- ? Corona
- ? Switchgear
- ? Transformers
- ? Insulators
- ? Relays
- ? Bus Bars