

Infrared Thermography  
& Airborne Ultrasonic  
Inspection Services



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## [Airborne Ultrasonic Electrical Inspection](#)

Airborne ultrasonic inspection is a predictive maintenance tool that can help with the identification and location of electrical anomalies that may not be detectable with conventional methods. Ultrasonic inspection can work hand in hand with our very successful infrared thermography inspection services.

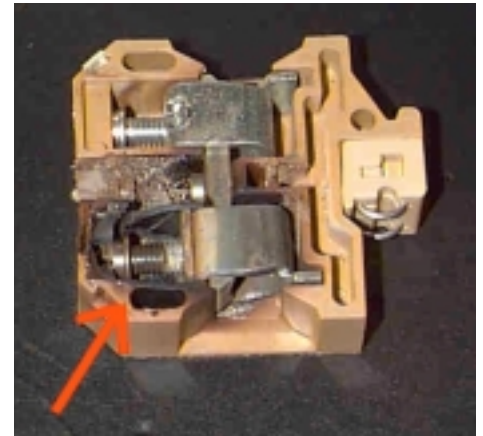
Airborne Ultrasonic Uses: various electrical conditions emit sound waves that are not detectable with unaided hearing. These ultrasonic waves give proof of the existence of various electrical problems.

**Corona, electrical arcing, electrical tracking and leaks in compress air systems** can be located.

### Inspect:

**Transformers**  
**Breakers- all types**  
**High voltage transmission lines**  
**Switchgear**  
**Underground vaults**  
**Circuit breakers**  
**Bus bars and risers**  
**Relays**  
**Contactors**  
**Electronic devices**

Even if metal clad enclosures can not be opened, airborne ultrasonic inspection can "listen" through enclosure openings and vents.



### Sample Success Story:

The shown motor control centre switch could not be opened due to an electrical interlock problem. An airborne ultrasonic inspection was performed around the enclosure. Tell-tale ultrasonic data was measured that indicated internal arcing. An equipment shutdown was planned for off hours. Internal inspection found a burnt power terminal (at red arrow in photo). Repairs were completed and another unexpected breakdown was avoided.



**We provide:**  
**Infrared Thermography Inspection**  
**and Airborne Ultrasonic Inspection**  
**Services.**

**Call us today to learn more.**  
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