



Transformer Clinic's™ **SCREEN** spot inspection services provide an advanced level of instantaneous fault detection and location capabilities. A unique and purposeful range of advanced field-inspection techniques are utilized in a series of real-time spot checks to identify hot-spots and areas of concern.

The simultaneous use of these advanced techniques allow Transformer Clinic™ specialists to identify and characterize loose connections, arcing, partial

discharge, core clamping problems, unintentional core grounds, circulating currents, blocked radiators, localized overheating, mechanical defects, and/or high temperature faults from within a transformer.

When your transformer experiences sporadic symptoms, Transformer Clinic's™ **OBSERVE** overnight baseline services provide extended interval solutions to detect and locate faults at the most unexpected moments.

continued on reverse 





SCREEN



Technicians review post-inspection IR images to determine potential areas of concern

We deploy the most unique array of ultra-advanced inspection technologies in the industry.

- Accurately detect, measure, and locate flaws by “listening” to the sound of internal defects with Acoustic Emission (AE)
- Vibration Analysis (VA) measures and identifies areas of irregular or excessive in-service movement occurring within a unit
- Infrared Radiation (IR) precisely identifies hot-spots and heat signatures caused by faults and defects
- Detect and measure partial discharge impulse activity using High Frequency Current Transformer (HFCT) testing. The combination of AE and HFCT allows for optimal detection and location of electrical faults

