

Examples of Thermographic Scans

Shown below are a few examples of thermograph scans and how they can be useful to determine electrical problems at a facility.

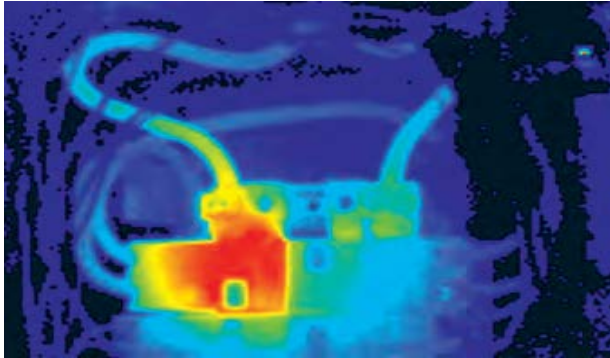


Figure 1 A high-resistance connection or component malfunction within a residential circuit breaker is easily seen in the thermal image, but not in the visible light image.

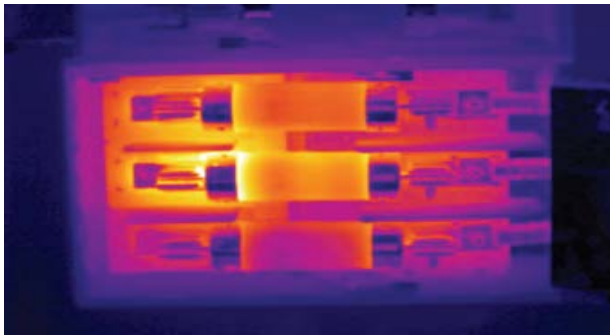


Figure 2 The light-colored area of the fuse bank indicates the possibility of a high resistance issue or an internal problem with the center phase.

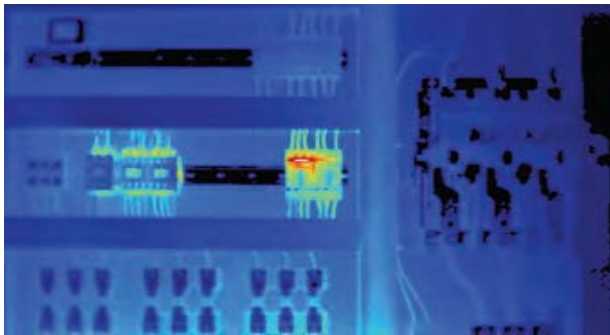


Figure 3 By using a thermal imager, a problem with an internal component in a Motor Control Center (MCC) can be easily detected.



Figure 4 Thermography can even be used for applications such as troubleshooting a heating wire on an outdoor water line, which cannot be allowed to freeze in cold weather.

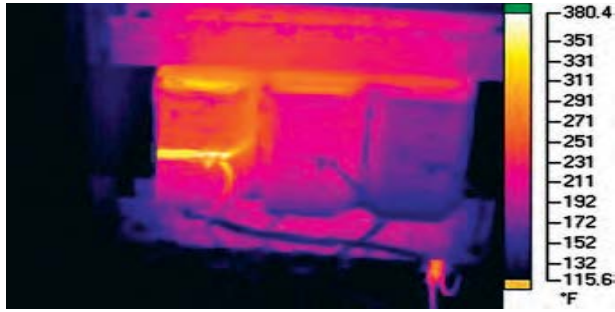


Figure 5 The thermal signature of a three phase dry transformer indicates that the primary lead to the left phase is abnormally warm.

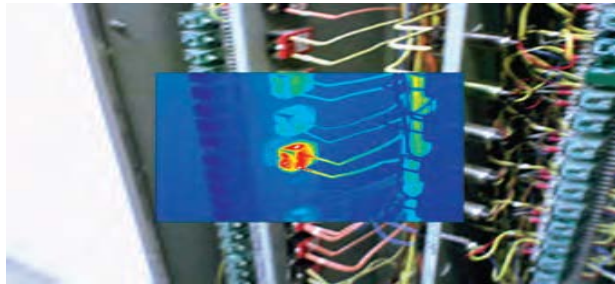


Figure 6 The bright-colored area indicates a possible high-resistance connection or component failure in a lighting control panel,

Infrared Imaging

The latest imaging technology pinpoints equipment problems before they happen.

