

JACKSON SWITCHGEAR

PREVENTATIVE MAINTENANCE

Identifying and repairing a poor electrical connection before a component fails can save you much greater costs associated with production losses, power outages, equipment failure, or even fires or other catastrophic failures.

SOLUTION

Therefore, implementing an effective inspection and maintenance program is essential. Jackson Switchgear offers a full on-site investigation service supported by a comprehensive report illustrating any deviations from manufacturer's recommended operating specifications using the latest in preventative maintenance technology.

POWER QUALITY AND LOAD ANALYSIS SURVEYS

- Poor power quality can cause transformer deterioration, brownouts and equipment failure due to voltage abnormalities
- Our power quality and load analysis survey provides a real-time snapshot of the supply system's performance in the areas of quality and consumption analysis
- Contracted supply vs. consumption, voltage tolerance, harmonic distortion and effective power factors are quantified

THERMOGRAPHIC IMAGING SURVEYS

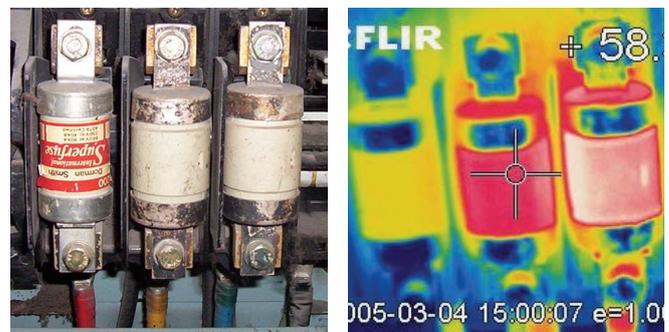
- This non-intrusive diagnostic technology lets you instantly visualise and verify any thermal abnormalities
- Any problems are quantified using state of the art, high resolution infrared cameras that provide unsurpassed accuracy in temperature measurement and image quality
- No shut down required

VISUAL INSPECTION

- Our experts will assess the physical condition of your installation
- Defects that can be detected visually include general deterioration, poor connections and burn or scorch marks

We will provide you with a comprehensive, easy to read report on the results of the visual, power quality and thermographic surveys. This broad report will also contain any recommendations for remedial work that may be appropriate, for example, torquing connections, switchgear replacement or corrective equipment including power factor, harmonic suppression or surge suppression.

Our maintenance contract entitles you to an annual survey using any or all of these methods. Clients availing of this service also benefit from 24 hour technical support, including site visits if necessary.



Thermographic image showing overheated fuses