



Curtis Engine provides measurement, analysis and testing services designed to help ensure that your generator investment will be ready when called upon.

- ✓ **Save Energy Costs**
- ✓ **Prevent Production Losses**
- ✓ **Reduce Unscheduled Downtime**
- ✓ **Extend Equipment Life**
- ✓ **Maximize Maintenance Efforts**
- ✓ **Set Baselines on New Equipment Installations**

Detect internal engine problems before they cause a catastrophic failure

- Noise and vibration analysis
- Exhaust gas analysis
- Oil and fluid analysis
- Borescope inspection

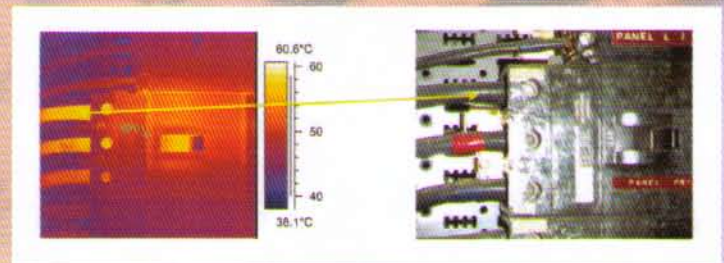
Load test the generator set to simulate an emergency outage

- Confirm that that generator set can produce its full load rating for an extended period of time
- Evaluate operational temperatures, oil pressure, voltage, and frequency
- Clear out any carbon and exhaust from the engine
- Eliminate minor wet stacking on the engine

Perform an infrared scan of the whole electrical system to identify “hot spots”

- Equipment failure is almost always preceded with an increase in temperature
- Regular surveys of electrical system components can identify sources of heat and resistance and potential points of failure

Curtis Engine has state-of-the-art infrared imaging equipment and trained technicians capable of implementing and monitoring your predictive maintenance program. Portable thermal-sensing cameras allow technicians to measure and record temperature rise in electrical connections, switchgear, generator bearings and mechanical components. Most scans can be completed in a day and normally require no equipment downtime.



Which electrical system components should be checked with the infrared camera?

- Panel Boards • Fused Switches • Transformers • Transfer Switches • Generator Sets and Controls

**Contact Michele Kratz-Brown at (410) 536-1203 for additional information
or visit our website at www.curtisengine.com**