

Infrared Thermography



ECCC has the expertise to conduct thermal imaging analysis using Infrared technology. Infrared thermography is an electronic technique that visualized temperature and thermal energy distribution.

ECCC expertise includes building energy conservation, electrical systems reliability, mechanical systems and, manufacturing processes.



Building Energy Conservation

- HVAC system checks and efficiency
- Equipment troubleshooting
- Roof and window energy leaks

Electrical System Reliability

- Electric power generation
- Electric Power distribution
- Electric power transmission
- Industrial electrical systems and processes reliability
- Thermal condition monitoring
- Predictive and preventive maintenances

Mechanical Systems

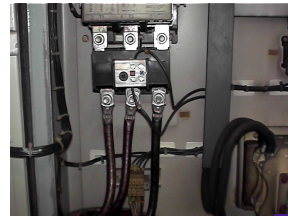
- Predictive and Preventive maintenance
- Mechanical systems reliability
- Mechanical systems safety.
- Motor & Pumps
- Rotating equipments

Manufacturing Process

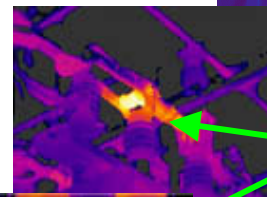
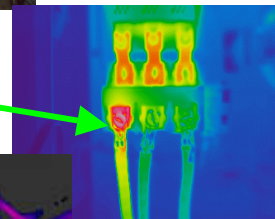
- Boilers
- Heat exchanger
- Furnaces
- Pipes transporting hot gases and fluid

Benefits

- Speedy and convenient diagnostics of energy conservation
- Reduce cost
- Increase reliability



Troubled fuse connection



Hot spots on power transmission line

