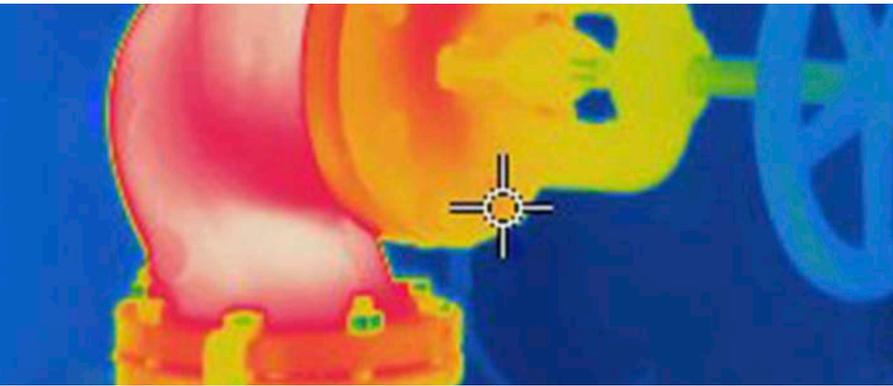


Canal Thermal Surveys



For almost a half a century Canal has provided electrical design, engineering and service around the clock to the merchant marine, naval and coastguard fleets in Canada, primarily in the Great Lakes Basin. From the heaviest Ice Breaker, the largest Bulker, Warships, Tugs and Research Vessels, Fish Boats, Cruise Vessels and Ferries and from the oldest to the newest, we have been there and kept them moving.

THE CASE FOR THERMAL SURVEYS

Infrared technology is used to detect abnormal heat signatures, indicating potential electrical or mechanical problems. Thermal imaging can detect fails before they happen, avoiding costly repairs and ship-stopping incidents.

Thermography pays for itself and should be a regular component of any conditional maintenance plan. It is a valuable tool in troubleshooting electrical equipment which normally needs to be hot to display faults.

SAFETY

In terms of health and safety, thermographic surveys are a best practice and complement on-board ship safety regimes. They are an important tool in managing the risks of catastrophic fires and explosions.

Canal's thermal surveys generate visually referenced reports indicating survey results and meet the requirements of Transport Canada and all Class requirements.

EXAMPLES OF EQUIPMENT THAT SHOULD BE SURVEYED

- Monitor Panels
- Transformers
- Circuit Breakers
- Buswork
- Motor Control Centres
- Distribution and Transmission Systems
- Motors Generators
- Batteries and Power Supplies DC Systems and Circuits

SURVEY OUTPUT

- Dual Infrared and Visual Images
- Point Temperature
- Fusion Technology (Visual – Infrared Image Overlay)
- Histogram Temperature Analysis
- Description of Anomaly (Faults)
- Detailed Report with Images

For more information, please contact us at 905-685-9293 or 1-844-814-0620



