







# INSULATION **RESISTANCE (IR) TEST**

Perform an IR test on all heat tracing circuits to verify the integrity of the heat tracing cable.

• Follow instructions in the installation & maintenance manual

- Confirm values are consistent with the indicated product specifications



### **GROUND FAULT BREAKERS**

All ground fault breakers should be tested according to the manufacturer's instructions.



## **HEATING TRACING** COMPONENTS

Damaged or improperly installed components can result in water ingress, corrosion or the loosening of electrical connections.

- Or electrical connections.

  Confirm that the installation is correct by checking the components according to the installation manual

  Ensure all component locations are marked with the electrical connection labels supplied with the kit



### THERMOSTAT OR CONTROLLER

optimize your energy usage while keeping your process running at temperature. Before the winter

- Review settings and alarms to ensure that they are set properly
  Perform all basic maintenance procedures according to the installation & maintenance manuals

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# **CRITICAL SPARE COMPONENTS AND**

Stocking spare components and cable will allow for timely repairs or replacements in case of an emergency. All installation & maintenance manuals can direct you in the repair or replacement of heat tracing system components.

products and services for:

- Tank Heating and Tank Insulation
   Heat tracing Control, Monitoring and Remote Communications
- & Gutter De-icing
- Comprehensive Heat-Trace System Design



#### **POWER CHECK**



# **DISTRIBUTION PANEL** & SECONDARY WIRE & CONDUIT

Visually inspect the conduit distribution system for openings in conduit, damaged or missing components and low point drains.



### INSULATION

Insulation plays a critical role in the overall heat tracing system. No insulation or wet insulation reduces heat transfer from the heating cable to the pipe and can render electric heat tracing completely ineffective.

• Visually inspect all lines for missing, damaged or wet insulation.

• Check weatherproof cladding for continuity (if applicable)



## **MAINTAIN** INSTALLATION AND MAINTENANCE RECORDS

Complete installation and maintenance records will allow you to verify what system tests have been completed, original electrical values, etc. This information can be valuable in determinin if the system is operating properly over time.