Thermon’s Heat Trace System Audit is a comprehensive assessment to ensure system reliability. This detailed analysis is an essential maintenance tool that provides an opportunity to address heat trace issues and prevent costly downtime.

**Industries Include:**
- Power
- Chemical
- Oil and Gas
- Petrochemical
- Waste Water Treatment
- Pulp and Paper
- Pharmaceuticals
- Offshore Maritime
- Renewables
- Mining

**Benefits:**
- Over 60 years leading the heat tracing industry
- Preventive maintenance to avoid unexpected system outage
- System optimization to increase ROI
- Updated documentation to reflect current field as-built status
- Spare parts management
- Personnel Training
Ensures electrical resistance integrity on heat tracing circuits

Verifies control panel programming and terminations to ensure proper functioning

TESTS PERFORMED FOR AUDIT:

- Insulation Resistance (IR) Test
- Heat Trace Panel Analysis
- Power Operational Test

Other Assessments:
- Pre-Insulated tube bundle inspection
- Thermal Insulation inspection
- Heat Trace system installation inspection
- Heated enclosure inspection
- Temperature controller/thermostat test
- Electrical wire connection inspection
- Conduit distribution system and fittings
- Heat Trace Safety check

HEAT TRACE SYSTEM CHECKLIST
Thermon’s Heat Trace Audit Report for your system will include:

- Detailed observations and test results
- Photographs of potential issues
- Existing and potential risk factors
- Budget estimate to repair the heat tracing system
- Recommendations to improve performance
- Proactive maintenance procedures for optimization

Pipe / Vessel Heating
Instrument Heating
Control / Communications