

Inspection Report Form for Electric Heat Tracing (Typical)

| | | |
|-----------------|---------------|-----------------------------|
| Location: _____ | System: _____ | Reference Drawing(s): _____ |
|-----------------|---------------|-----------------------------|

CIRCUIT INFORMATION

| | | |
|--------------------------|---|-------------------------|
| Heater Cat. No.: _____ | Circuit Length: _____ | Bkr. Panel No.: _____ |
| Power Connection: _____ | Design Voltage: _____ | Bkr. Pole(s) No.: _____ |
| Tee Connection: _____ | Ground-Fault Protection (type): _____ | |
| Splice Connection: _____ | Ground-Fault Trip Setting: _____ | |
| Heater Control: _____ | Operating Voltage: 120 208 240 277 | |

VISUAL

| Panel Number | Circuit # | Date | Initial | | | |
|---|-----------|------|---------|--|--|--|
| Thermal Insulation | | | | | | |
| Damaged Insulation / Lagging | | | | | | |
| Water Seal Good | | | | | | |
| Insulation / Lagging Missing | | | | | | |
| Presence of Moisture | | | | | | |
| Heating System Components | | | | | | |
| Enclosures, Boxes Sealed | | | | | | |
| Presence of Moisture | | | | | | |
| Sign of Corrosion | | | | | | |
| Heater Lead Discoloration | | | | | | |
| Heating and/or High Limit Controller | | | | | | |
| Operating Properly | | | | | | |
| Controller Setpoint | | | | | | |

ELECTRICAL

| Dielectric Insulation Resistance (Bypass Controller) Refer to IEEE-2017 for test voltages and pass/fail criteria | | | | | | |
|--|--|----------|--|-------|--|--|
| Test Voltage | | | | | | |
| Megger Value | | | | | | |
| Heater Supply Voltage | | | | | | |
| Value at Power Source | | | | | | |
| Value at Field Connection | | | | | | |
| Heater Circuit Current Reading | | | | | | |
| Pipe Temperature | | | | | | |
| Amps Reading at 2-5 min. | | | | | | |
| Amps Reading After 15 min. | | | | | | |
| Ground-Fault Current | | | | | | |
| Comments and Actions: | | | | | | |
| Performed by: | | Company: | | Date: | | |
| Approved by: | | Company: | | Date: | | |