MOORE'S
ELECTRICAL & MECHANICAL



ELECTRICAL THERMOGRAPHY REPORT

10/20/2026

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BUILD. SERVE. IMPACT.

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Altavista, VA 24517

Dear customer,

The following is a formal report of the Electrical Thermography inspection performed on October 20th, 2026 at your facility.

DIAGNOSTIC EQUIPMENT USED:

FLIR E54 24* Advanced Thermal Imaging Camera

INSPECTION PROCEDURES:

The electrician and thermographer team removed all electrical equipment covers and dead fronts. Infrared images were taken of all electrical terminations, pertinent electrical information was collected (voltage, amperage, panel size, etc.), and a visual inspection was completed.

Inspection report pages contain, for each piece of equipment, a digital image, an infrared image, location of the unit, severity of issue, the temperature of the issue, and recommended corrective action. Please note: if no faults were found in the electrical system, there will be no inspection report pages.

If a critical fault, needing immediate repair to avoid failure, was located, the site contact was immediately notified.

REPAIR CRITERIA EXPLANATION:

Moore's Electrical and Mechanical has developed the following scale for rating fault severity using information gathered from the United States Navy Thermography Guidelines and FLIR/ITC. Temperature ranges are delta to ambient.

0° - 20°F NO ISSUE	21° - 40°F INVESTIGATE 0-3 MONTHS	> 40°F IMMEDIATE NEED

SUMMARY OF FINDINGS:

Through the course of the inspection, Moore's imaged 52 pieces of electrical equipment, generating 181 digital and infrared images. This represents the entirety of the electrical equipment to be inspected, per the customer.

Moore's found 2 issues needing investigation or repairs.

In conclusion, your location's electrical infrastructure is in very good operating order. Our visual and thermal inspection found 2 issues. The report below shows each issue, including those corrected on site and any needing attention.

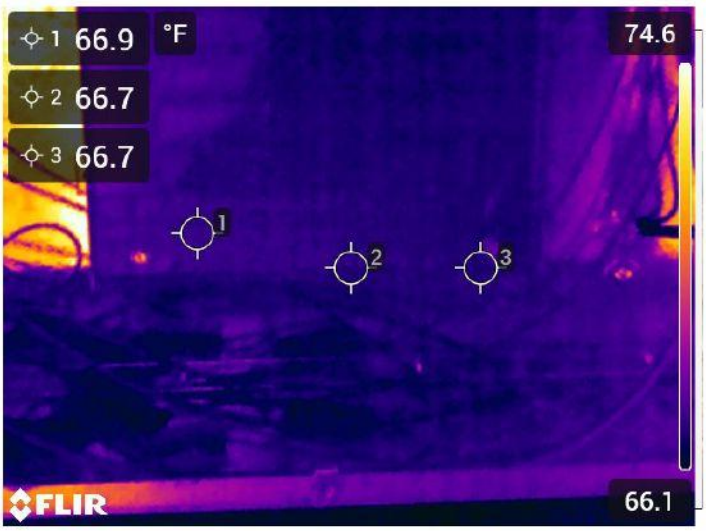
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INFRARED THERMOGRAPHY REPORT

Location: Main Service Area

Equipment: Panel PP-1





Notes, if needed:

Uncapped wires were left in the bottom of the panel. Wires were taped to make them safe.

Recommended next steps:

None.

SEVERITY OF PROBLEM:

- [x] None
- [ ] Mild
- [ ] Moderate
- [ ] Severe

CAMERA INFORMATION

Camera Model	FLIR E6	Range Max.	250.0°C
Lens	FOL7	Range Min.	-20.0°C
Camera Serial	63982642	Field of View	44.98

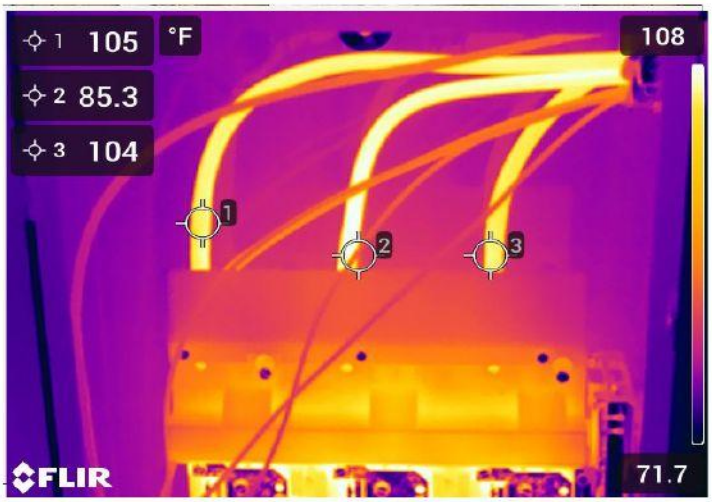
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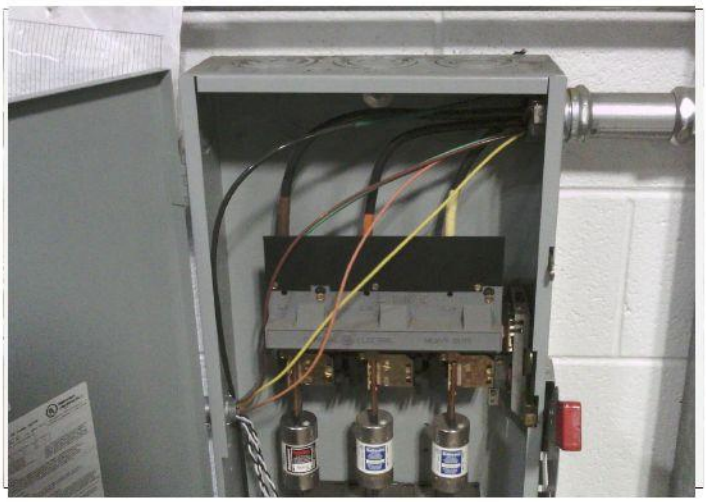
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INFRARED THERMOGRAPHY REPORT

Location: Production Area

Equipment: Compressor Disconnect





Notes, if needed:

Compressor was running at full load. Amperage was within the normal operating range. Connections were checked and all were tight. Amp draw was 86–88 amps across all 3 phases.

Recommended next steps:

None.

SEVERITY OF PROBLEM:

- [x] None
- [ ] Mild
- [ ] Moderate
- [ ] Severe

CAMERA INFORMATION

Camera Model	FLIR E6	Range Max.	250.0°C
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