



Infrared Scan Inspection Report

Report Date	August 22, 2014	Report number	#1 of 1
Company	Windemuller Technical Services (941) 355-8822	Customer	Tradeshow Sample
Address	1611 Northgate Blvd. Sarasota , Florida 34234	Site Address	Sarasota, Florida
Thermographer	David Lemieux Certified Level I Thermographer	Contact Person	
Location	Heat treat area	Equipment	Panel "PP"

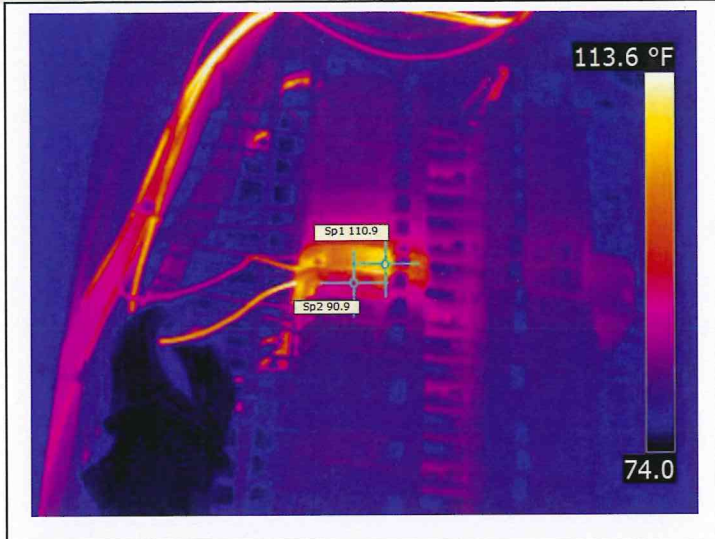
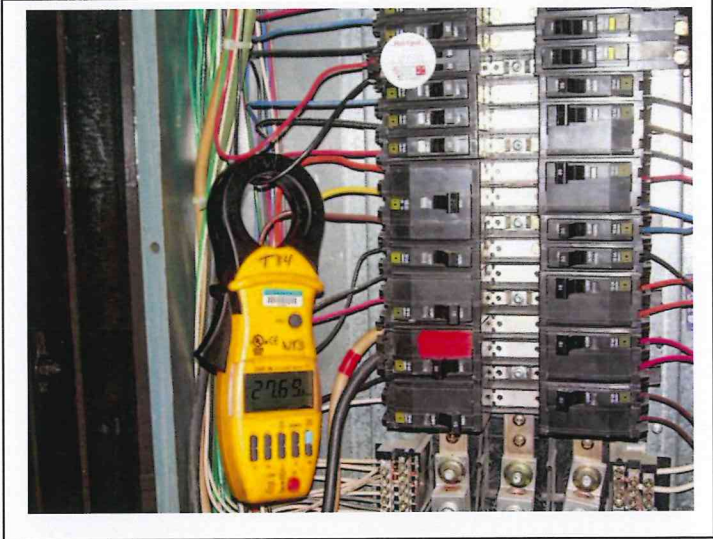


Image and Object Parameters



Text Comments

Camera Model	FLIR ThermaCAM EX320	Hot spot temperature	110.9 Degrees F.
Image Date	August 22, 2014	Cold spot temperature	90.9 Degrees F.
Image Name	IR_242.jpg	Delta T (difference)	20.0 Degrees F.
Emissivity	0.98	Ambient Temperature	76.0 Degrees F.
Object Distance (approx.)	3.3 Ft.	Relative Humidity	64%

Classification Table

1. Repair Next Maintenance	2. Repair as Schedule Permits	3. Repair Immediately	XX
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Analysis

Temperature increase on a space #15 tandem 30Amp breaker. #15a measures 14.0amps and #15b measures 27.7amps. No information was available at the time of survey to indicate the downstream device but high amprobe readings indicate an issue worth investigating.

Recommendation

Recommendation is to inspect and identify downstream connected device(s). Check expected operating currents and divide Breaker #15b circuit if necessary to reduce load.