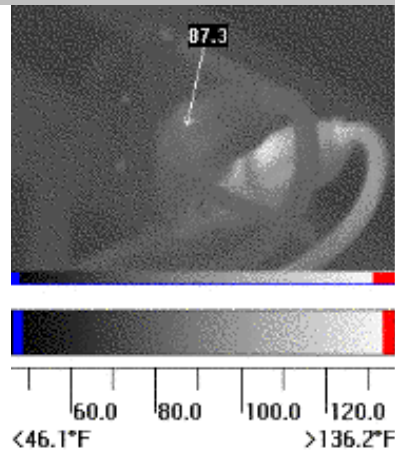
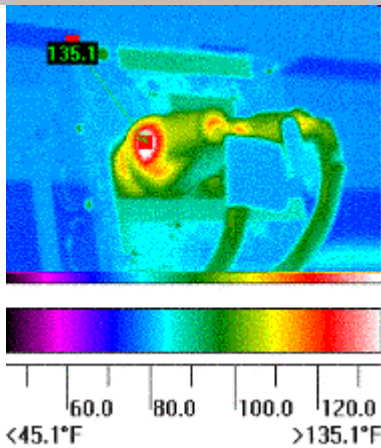


Electricom of Miami Thermographic Inspection Report

Sample of an actual report

Plant Station	Communication Center
Thermographer	Leroy Barrett
Date	01/27/1997
Time	01:43:39pm
Component	2e9-1 panel 2 circuit 29 – Supplying critical modems
Equipment Load	8.2 amps
Equipment Location	209-26 2 nd Floor



Before repair, image

Thermal Image Data

A - Hot Spot – Before 135.1 after 87.3
 B - Reference temp – 95 degrees F
 C – Temperature rise – 40 degrees
 Classification B

After repair image

Classification Table

5-10 deg C Possible problem
 10-25 C (18-45F) – Repair on short term
 25-40 C (45-72F) – Repair ASAP
 > 40C (72F) Repair as schedule outage

Thermographer's comments: Picture on the left is before the infrared shot. The picture on the right is the shot taken after we changed the electric cords from #18 gauge to #12 gauge

Post Repair Inspection Comments: The temperature on the cord went down from 135.1 deg F to 87.3 a difference of 47.8 degrees.