



Midwest Electrical Consultants

THERMOGRAPHIC INSPECTION REPORT

Customer: ABC Company

Date: NOV-04

Address: Chicago, IL

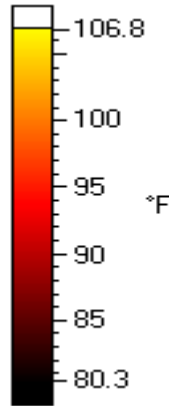
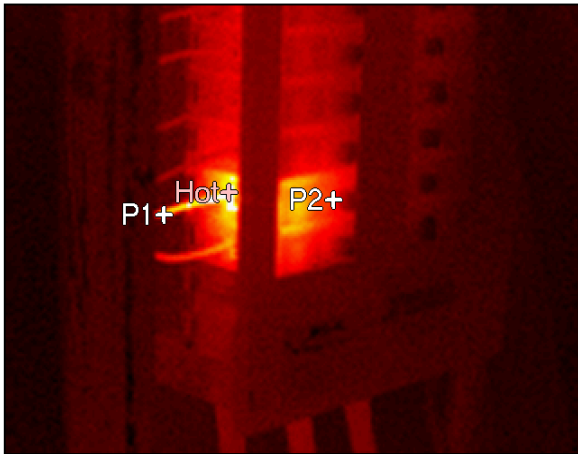
Project: C085

Equipment Location: 3rd Floor Closet A

Air Temp: 75°F

Equipment ID: LP-ALAL-3 120/208V Panel

Humidity: 50%



Problem Description:

Hot Termination on 20AF Breaker Position #39. Measured Current:(14.3A)

ACTION REQUIRED		Probable Cause		Recommended Action	
	Deficiency, Investigate	X	Loose Connection		Secure Power
x	Schedule Repair at next outage	X	Oxidation of Conn	X	Clean/Tighten Connection
	None: Problem corrected during inspection		Overloaded Circuit		Determine cause of Imbalance
	Repair and Verify with Infrared Inspection		Unbalanced Circuit		Distribute Load Evenly
			Failing (bad) Fuse		Determine Cause of Overload
			Failing Breaker		Reduce Load below 80% FLA
			Code Violation		Replace Conductors
					Replace Fuses
					Replace Bus

(P) Point Temperature	
(P1) Temp	(P2) Temp
95°F	95°F
Hot Temp	114°F