



Midwest Electrical Consultants

THERMOGRAPHIC INSPECTION REPORT

Customer: ABC Company

Date: NOV-04

Address: Chicago, IL

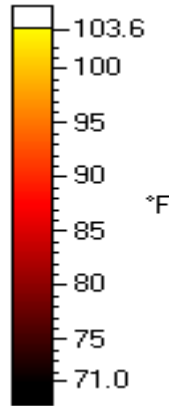
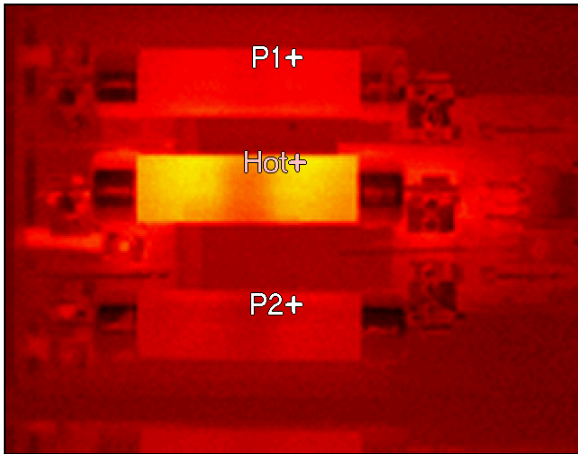
Project: C085

Equipment Location: Room L 245

Air Temp: 75°F

Equipment ID: EM LP-1 Phase 1

Humidity: 50%



Problem Description:

Unbalanced Center Phase. Current Measurements:(16.7A,42.7A,22.3A)

ACTION REQUIRED		Probable Cause		Recommended Action	
	Deficiency, Investigate		Loose Connection		Secure Power
x	Schedule Repair at next outage		Oxidation of Conn		Clean/Tighten Connection
	None: Problem corrected during inspection		Overloaded Circuit		Determine cause of Imbalance
	Repair and Verify with Infrared Inspection	X	Unbalanced Circuit	X	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
87°F	85°F
Hot Temp	103°F