



## Midwest Electrical Consultants

### THERMOGRAPHIC INSPECTION REPORT

Customer: ABC Company

Date: NOV-04

Address: Chicago, IL

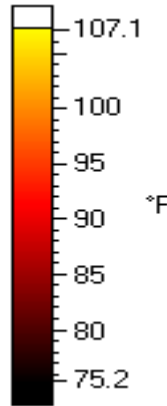
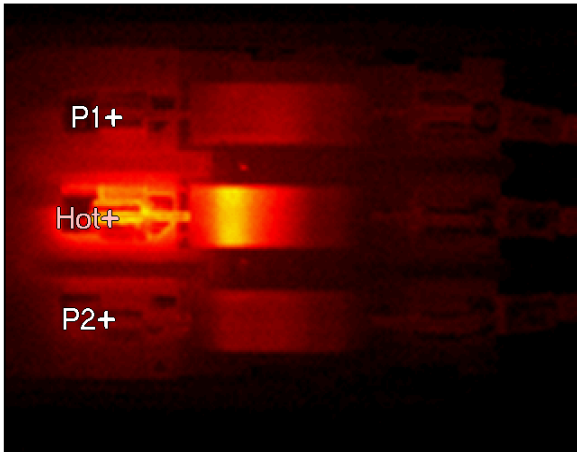
Project: C085

Equipment Location: Room L 245

Air Temp: 75°F

Equipment ID: MCC T

Humidity: 50%



#### Problem Description:

Hot Fuse Clip. Current Measured: (40.1A,36.6A,40.3A)

ACTION REQUIRED		Probable Cause		Recommended Action	
	Deficiency, Investigate	X	Loose Connection		Secure Power
	Schedule Repair at next outage	X	Oxidation of Conn	X	Clean/Tighten Connection
	None: Problem corrected during inspection		Overloaded Circuit		Determine cause of Imbalance
X	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
83°F	83°F
Hot Temp	106°F