



INFRARED GUYS, Inc.

Sample report pages from an Electrical Inspection of an office building in downtown Atlanta.

Infrared Guys, Inc. creates a summary list of all equipment inspected, with a reference to the infrared image and regular photo taken of each item. Any irregularities are noted as “**CRITICAL**,” “**IMPORTANT**,” or “**COMPLIANCE**” and a detail page (see following page) is created for each.

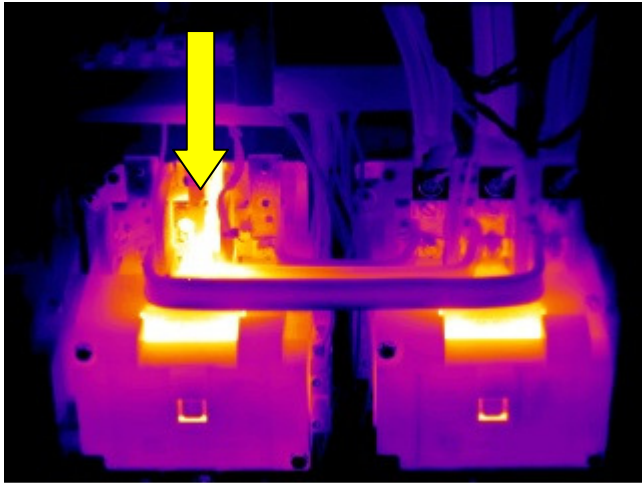
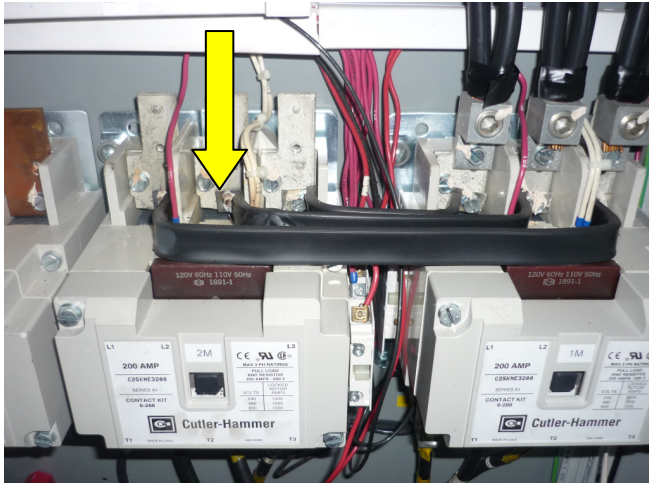
This report can also serve as an inventory/summary of electrical equipment on site, and the report and images/photos document conditions as of the date of the inspection.

Thermographer: Shawn Phillips		CRITICAL = Correct Immediately							
Phone: (404) 791-7069		IMPORTANT = Correct ASAP							
Date of IR Scan: 7/1/2010		COMPLIANCE = NEC / OSHA							
Location	Equipment Name	Manufacture	Size or Amps	Infrared	Digital	Phase Amps			Problems
						A	B	C	
Elevator Room									
	Small Disconnect	Square D	30	AFF10001	P1090478	1	5		
	Elevator 1 Disconnect	Square D	60	AFF10002	P1090479	14	14	15	1 Thermal Anomaly
	Elevator 2 Disconnect	Square D	60	AFF10003	P1090480	0	0	0	
Roof									
	Chiller Disconnect	Square D	30	AFF10005	P1090482	0	0	0	
	Chiller Fan Disconnect	Square D	30	AFF10006	P1090483	8	8	8	1 Thermal Anomaly
	Carrier Disc.	Square D	30	AFF10008	P1090485	3	2	2	
7th Floor Electrical Room									
	Condenser Water Pump	Furnas		AFF10009	P1090486				
	Chilled Water Pump	Furnas		AFF10010	P1090487				
	Carrier Control Cab.	Carrier		AFF10011	P1090488	88	86	90	1 Thermal Anomaly
	Panel V. (Left)	Square D	42	AFF10012	P1090489	54	NA	26	
	Panel V. (Right)	Square D	42	AFF10013	P1090490	49	35	20	
	Panel DA (Dist. Panel)	Square D		AFF10014	P1090491	NA	NA	NA	1 Thermal Anomaly
	Column Next To Panel DA			AFF10015	P1090492				
	Chiller Cab.	Carrier		AFF10016	P1090493				
	Panel U Vending Panel	Square D	30	AFF10020	P1090497	13	8	24	1 Compliance
6th Floor Electrical Room									
	Rise Panel DB	Square D		AFF10021	P1090499	143	146	148	
	Panel LR (Left)	Square D	36	AFF10022	P1090500	22	24	24	1 Compliance
	Panel LR (Right)	Square D	6	AFF10023	P1090501	5	5	6	1 Compliance
	Lighting Cab.	Square D		AFF10024	P1090502				
	Air Handler Control	Furnas		AFF10025	P1090503				
	Panel T West Half	Square D		AFF10026	P1090506	7	5	10	
5th Floor Electrical Room									
	Transformer 45 KVA	GE		AFF10027	P1090507	15	20	12	
	Breaker for PNL. S L/P/S	Square D	100	AFF10028	P1090508	30	11	8	
	Breaker for PNL. S Q/T	Square D	100	AFF10029	P1090509	43	56	28	
	Riser 1350amp	Square D		AFF10030	P1090510				
	Panel LN (Left)	Square D	36	AFF10031	P1090511	18	32	24	
	Panel LN (Right)	Square D	6	AFF10032	P1090512	5	6	6	
	Air Handler Control	Furnas		AFF10033	P1090513				
	Panel Q West Half	Square D	30	AFF10034	P1090514	39	30	16	1 Compliance

Site Data									
Location Name		Site Contact		Title		Phone		Fax	

Inspector Name		Inspectors Ph #		Date Started		Date Ended		Days of Inspection	
Shawn Phillips		404-791-7069		7 1 10		7 1 10		1	

Anomaly Data							
Location		Equipment		Fault Location		Line/Load	Phase/Top/Right
7 th Floor		Carrier Control Cab		Lug		Load	B Phase
Temperature			Amperage			Ambient	Delta T
A/Top/Left	B/Center	C/Bottom/Right	A/Top/Left	B/Center	C/Bottom/Right	76	126
130	256	130	88	86	90		
Anomaly No.	Probable Cause		Recommendation			Classification	
3	Poor Connection		Verify, Clean, Tighten			Critical	
Field Observation							
Discoloration on lug from overheating.							

Infrared Image	Visual Image
 <p>Date: 7/01/2010 Time: 9:16:32 AM</p>	

Repair Actions		
Date of Repair	Employee	Repair Action
Time to Repair	Cost of Parts	
Rescan Date	Corrected?	Root Cause