



INFRARED INSPECTION REPORT SHEET

Carr & Duff, Inc.
2100 Byberry Road
Huntingdon Valley, PA 19006
(215) 672-4200

CUSTOMER Carr & Duff, Inc. PAGE _____
 USER Carr & Duff, Inc. ; 2100 Byberry Road ; Huntingdon Valley PA 19006 JOB # C090000
 DATE 8/18/2009 AMBIENT TEMPERATURE _____ °F HUMIDITY _____ % EQPT. LOCATION _____
 SUBSTATION Outside POSITION 005557
 MANUFACTURER General Electric MODEL _____ SERIAL NO. _____
 TAG ID 005557 ENERGIZED CRITICAL

EQUIPMENT TESTED Branch Circuit Panel

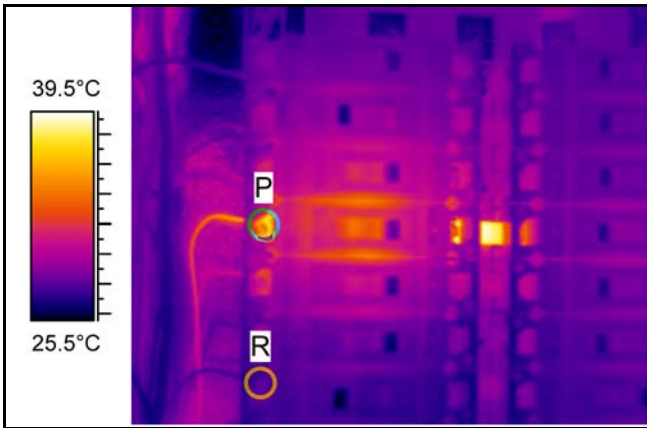
SEVERITY CRITERIA FOR SIMILAR COMPARISONS

NORMAL	ALERT	SEVERE	CRITICAL
LESS THAN 4.1°C	4.1°C TO 8.0°C	8.0°C TO 15.0°C	GREATER THAN 15.0°C
REFERENCE TEMPERATURE	PROBLEM TEMPERATURE		DIFFERENCE TEMPERATURE
28.35 °C	34.00 °C		5.65 °C

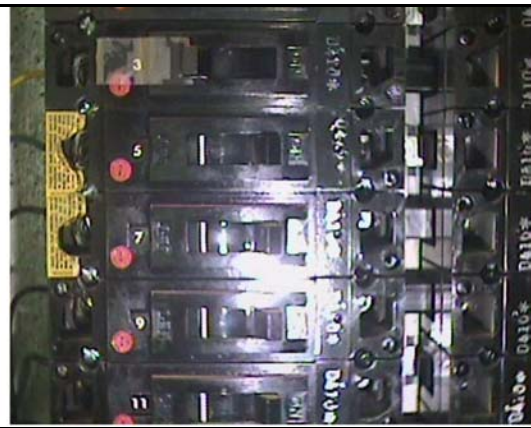
VARIABLES	PROBLEM POLE LOCATION	CURRENT RATING (AMPS)	CURRENT DRAW (AMPS)	THDC (%THD-F)	VOLTAGE DROP (VOLTS)
PHASE A	1	20	16	3	.150
PHASE B					
PHASE C					

Problem Description - ALERT Immediate Hazard Customer Notified Immediately
 Temperature problem due to high contact resistance.

- | | | |
|---|---|---|
| <input type="checkbox"/> PROBLEM CORRECTED | <input type="checkbox"/> TIGHTENED/TORQUED CONNECTION | <input type="checkbox"/> CORRODED/DISCOLORED |
| <input type="checkbox"/> OVERLOADED CIRCUIT | <input checked="" type="checkbox"/> EXCESSIVE CURRENT HARMONICS | <input type="checkbox"/> STRIPPED/CROSS-THREADED HARDWARE |



IR_0464



DC_0465

Consequences if Not Corrected			
<input checked="" type="checkbox"/> Equipment Failure	<input type="checkbox"/> Fire Hazard	<input checked="" type="checkbox"/> Safety Hazard	<input checked="" type="checkbox"/> Power/Business Interruption
Failure of circuit breaker could lead to unplanned outage.			
Recommendation For Repair		<input checked="" type="checkbox"/> Repair Equipment	<input type="checkbox"/> Replace Equipment
Replace circuit breaker.			
Corrective Actions			<input type="checkbox"/> Problem Corrected
<input type="checkbox"/> Fixed During Visit	<input type="checkbox"/> Contractor Will Correct	<input type="checkbox"/> Customer Will Correct	<input type="checkbox"/> Estimate Required

TEST EQUIPMENT USED: _____ TESTED BY: M.W.