



INFRARED INSPECTION REPORT SHEET



OWNER Example Owner PAGE 1
 PLANT Example Plant AMBIENT TEMP. _____ °F DATE 10/10/2014
 SUBSTATION INFRARED HUMIDITY _____ % JOB # INFRARED
 POSITION AUTOMATED ASSET ID _____

EQUIPMENT TESTED _____

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	

VARIABLES	PROBLEM POLE LOCATION	CURRENT RATING (AMPS)	CURRENT DRAW (AMPS)	THDC (%THD-F)	VOLTAGE DROP (VOLTS)
PHASE A					
PHASE B					
PHASE C					

Problem Description - _____ Immediate Hazard Customer Notified Immediately

- PROBLEM CORRECTED
- OVERLOADED CIRCUIT
- TIGHTENED/TORQUED CONNECTION
- EXCESSIVE CURRENT HARMONICS
- CORRODED/DISCOLORED
- STRIPPED/CROSS-THREADED HARDWARE

Consequences if Not Corrected

Equipment Failure Fire Hazard Safety Hazard Power/Business Interruption

COMMENTS: _____
 DEFICIENCIES: _____

TEST EQUIPMENT USED: _____ TESTED BY: Default Administrator



INFRARED INSPECTION



OWNER Example Owner PAGE 2
 PLANT Example Plant AMBIENT TEMP. _____ °F DATE 10/10/2014
 SUBSTATION INFRARED HUMIDITY _____ % JOB # INFRARED
 POSITION AUTOMATED ASSET ID _____

EQUIPMENT TESTED _____

SEVERITY CRITERIA FOR SIMILAR COMPARISONS

NORMAL	ALERT	SEVERE	CRITICAL
LESS THAN 4.1°C	4.1°C TO 8.0°C	8.1°C TO 15.0°C	GREATER THAN 15.0°C

REFERENCE TEMPERATURE	PROBLEM TEMPERATURE	DIFFERENCE TEMPERATURE	CALCULATED MAX TEMPERATURE

LOAD CORRECTION PHASE: PHASE A LOAD CORRECTION FACTOR 1.6

VARIABLES	PROBLEM POLE LOCATION	CURRENT DRAW (AMPS)	CURRENT RATING (AMPS)	THDC (%THD-F)	VOLTAGE DROP (VOLTS)
PHASE A					
PHASE B					
PHASE C					

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

Consequences if Not Corrected			
<input type="checkbox"/> Equipment Failure	<input type="checkbox"/> Fire Hazard	<input type="checkbox"/> Safety Hazard	<input type="checkbox"/> Power/Business Interruption

COMMENTS: _____
 DEFICIENCIES: _____

TEST EQUIPMENT USED: _____ TESTED BY: Default Administrator



PM 013 Infrared Inspection



OWNER Example Owner

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PLANT Example Plant

AMBIENT TEMP. _____ °F

DATE 10/10/2014

SUBSTATION INFRARED

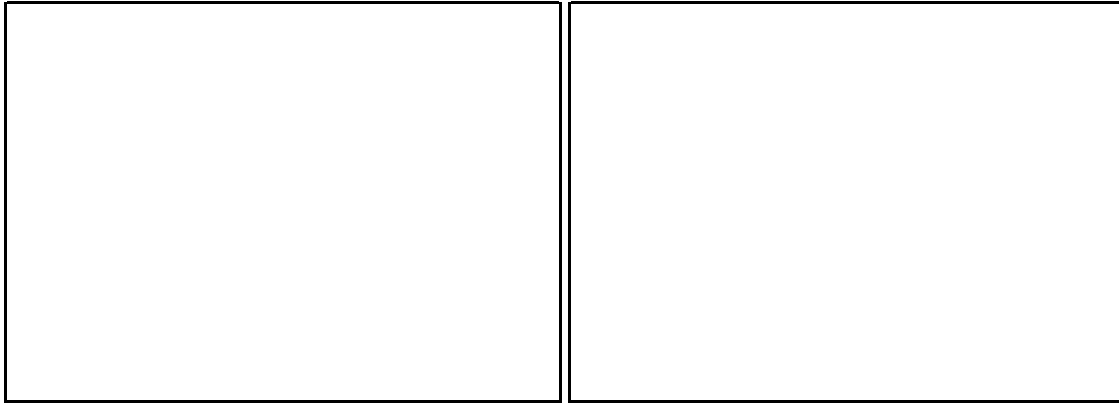
HUMIDITY _____ %

JOB # INFRARED

POSITION GENERAL

ASSET ID _____

INFRARED IMAGES:



ASSET DESCRIPTION: _____

TEST POINT: _____

NOTES: _____

COMMENTS:
DEFICIENCIES:



INFRARED INSPECTION SUMMARY



OWNER Example Owner PAGE 5

PLANT Example Plant AMBIENT TEMP. _____ °F DATE 10/10/2014

SUBSTATION INFRARED HUMIDITY _____ % JOB # INFRARED

POSITION GENERAL ASSET ID _____

EQUIPMENT INSPECTED

LOCATION / DESIGNATION	CONDITION	REMARKS

COMMENTS: _____

DEFICIENCIES: _____

TEST EQUIPMENT USED: _____ TESTED BY: Default Administrator



INFRARED IMAGE CAPTURE



OWNER Example Owner

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PLANT Example Plant

AMBIENT TEMP. _____ °F

DATE 10/10/2014

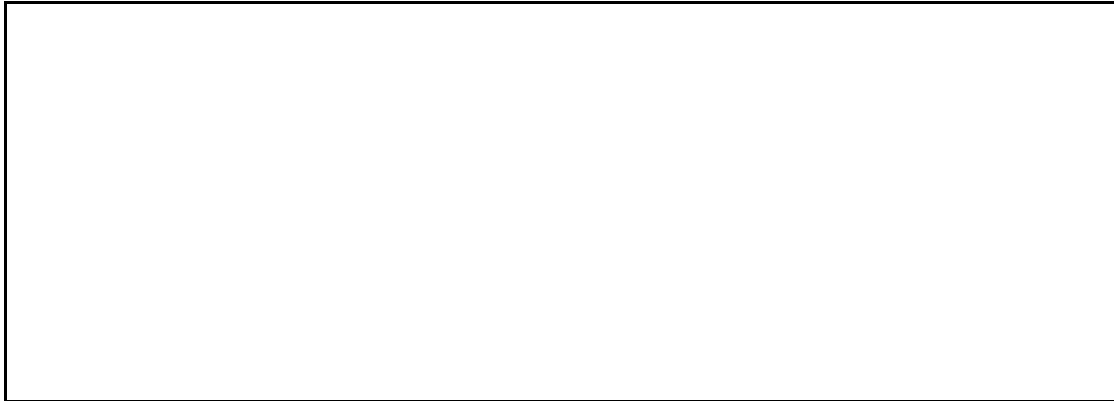
SUBSTATION INFRARED

HUMIDITY _____ %

JOB # INFRARED

POSITION GENERAL

ASSET ID _____



ASSET DESCRIPTION: _____

TEST POINT: _____

NOTES: _____

COMMENTS: _____
DEFICIENCIES: _____

TEST EQUIPMENT USED: _____

TESTED BY: Default Administrator