

# PANELBOARD TESTING

<b>PROJECT</b>		<b>DATE (M/D/YYYY)</b>	
<b>PROJECT #</b>	<b>STATION</b> <input type="checkbox"/> MCMURDO <input type="checkbox"/> PALMER <input type="checkbox"/> SOUTH POLE		
<b>BLDG. NO.</b>	<b>BUILDING NAME</b>		
<b>LOCATION</b>	<b>PANELBOARD ID #</b>		

Note: Fill out a report for each panelboard, switchboard, MCC, etc.

## Pre-Energizing Checklist

### Checked?

### Comments

BUS BAR CONNECTIONS COMPLETE	YES <input type="checkbox"/>	NO <input type="checkbox"/>	
CONNECTIONS TIGHT	YES <input type="checkbox"/>	NO <input type="checkbox"/>	
LUG TERMINATION TIGHT	YES <input type="checkbox"/>	NO <input type="checkbox"/>	
TERMINATION TORQUE RECORD COMPLETE	YES <input type="checkbox"/>	NO <input type="checkbox"/>	
BUS BAR SUPPORTS ARE RIDGID	YES <input type="checkbox"/>	NO <input type="checkbox"/>	
CLEARANCES ARE MAINTAINED	YES <input type="checkbox"/>	NO <input type="checkbox"/>	
PACKING REMOVED	YES <input type="checkbox"/>	NO <input type="checkbox"/>	
SWITCHES OPERATE AND ARE ALIGNED	YES <input type="checkbox"/>	NO <input type="checkbox"/>	
SWITCHES AND CIRCUIT BREAKERS OPERATE & ARE ALIGNED	YES <input type="checkbox"/>	NO <input type="checkbox"/>	
MAGNETIC TRIP SET PER MANUFACTURER – IF REQUIRED	YES <input type="checkbox"/>	NO <input type="checkbox"/>	
GROUNDING CONNECTIONS ARE CORRECT	YES <input type="checkbox"/>	NO <input type="checkbox"/>	
CONDUCT MEGGER TEST	YES <input type="checkbox"/>	NO <input type="checkbox"/>	
	YES <input type="checkbox"/>	NO <input type="checkbox"/>	

## POST-Energizing Checklist

### TEST AFTER INITIAL ENERGIZATION OF THE PANELBOARD THE FOLLOWING

AMPERAGE OF PHASE	A		VOLTAGE OF PHASES	A TO B		VOLTAGE OF PHASES	A to Neut.	
AMPERAGE OF PHASE	B		VOLTAGE OF PHASES	A TO C		VOLTAGE OF PHASES	B to Neut.	
AMPERAGE OF PHASE	C		VOLTAGE OF PHASES	B TO C		VOLTAGE OF PHASES	C to Neut.	

### IF LOADS ARE NOT WITHIN 10% BALANCE LOADS ON PHASES TO WITHIN 10%

AMPERAGE OF PHASE	A		VOLTAGE OF PHASES	A TO B		VOLTAGE OF PHASES	A to Neut.	
AMPERAGE OF PHASE	B		VOLTAGE OF PHASES	A TO C		VOLTAGE OF PHASES	B to Neut.	
AMPERAGE OF PHASE	C		VOLTAGE OF PHASES	B TO C		VOLTAGE OF PHASES	C to Neut.	

THERMOGRAPHIC IMAGING TEST RESULTS: \_\_\_\_\_

**RPSC FIELD ENGINEER**  
**PROJECT ENGINEER/DESIGNEE:** \_\_\_\_\_ **DATE** \_\_\_\_\_

**RPSC ELECTRICAL FOREMAN:** \_\_\_\_\_ **DATE** \_\_\_\_\_

**NSF REP/TITLE II INSPECTOR:** \_\_\_\_\_ **DATE** \_\_\_\_\_