



# INTERFERENCE TEST FORM

PG&E NO.	CP SYSTEM NO.	DIVISION	OPERATING HQ	CITY
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### RECTIFIER

LOCATION
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DC RATING	DC INTERFERENCE TEST SETTINGS
Amperes      Volts	Amperes      Volts

### SOIL RESISTIVITY / CIRCUIT RESISTANCE

AVERAGE SOIL RESISTIVITY FOR SHALLOW WELL ANODES:	_____ Ohm/Cm
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TOTAL CIRCUIT RESISTANCE FOR DEEP WELL ANODES:	_____ Ohms
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### PIPE-TO-SOIL POTENTIAL

PROTECTED STRUCTURE	ON		OFF	
NON-PG&E STRUCTURE	ON		OFF	
NON-PG&E STRUCTURE	ON		OFF	

### DRAWING

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CORRECTIVE ACTION TAKEN:

Date	PREPARED BY
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## “Interference Test Form” Instructions

### RECORD

- PG&E Number: Record the rectifier’s PG&E identification number.
- CP System Number: Record the cathodic protection system number for the area.
- Division/Operating Headquarters/City: Record those elements for the tested rectifier.

### RECTIFIER

- Location: Record the exact location of the rectifier.
- DC Rating: Record the manufacturer’s rating for the rectifier (amperes and volts).
- Interference Test: Record the maximum amperes and volts at the time of the interference test.

### SOIL RESISTIVITY / TOTAL CIRCUIT RESISTANCE

- Average Soil Resistivity for Shallow Well Anodes/Total Circuit Resistance for Deep Well Anodes: Record soil resistivity for the shallow well anodes or total circuit resistance for deep well anodes (Rectifier Voltage divided by Rectifier Current).

### PIPE-TO-SOIL POTENTIALS

- Pipe-to-Soil Potentials on Protected and Non-PG&E Structure: After setting up an interrupter, record “ON” and “OFF” P/S potentials on the closest protected facility (e.g., PG&E Gas Main) and the closest non-PG&E structure.
- Drawing: Include a drawing of the rectifier, anode bed, and the location of any non-PG&E structure.
- To insert or paste a drawing:
1. Make the following selections on the Word menu bar, View => Toolbars => Forms. The Forms toolbar appears.
  2. Click the padlock icon to unlock the form.
  3. Paste or insert the drawing in the indicated area of the form.
  4. Click the padlock icon to lock the form.
- Corrective Action Taken: Record the corrective action taken, if any, needed to mitigate any interference situations.
- Date/Prepared by: Record the date and the name of the person who conducted the interference test.