

Flood Damage Electrical Circuit Megohmmeter Testing

CNI-026

Site Address _____

Property Owner _____

City/Town _____ Zip _____

Mailing Address _____

Assessor's Parcel Number _____

City/Town _____ State/Zip _____

PURPOSE: To check the condition of conductor insulation using a minimum 500v DC megohmmeter. This test must be performed by a licensed electrician on all inundated, and not yet replaced, power and control circuits.

----- ⤴ To Be Completed by Electrician ⤵ -----

Use the reverse side of this form, or a reasonable facsimile, to record test results of the individual circuits. Any measurement of less than 10 megohms is not acceptable.

The electrician's evaluation of the condition of the wiring system, i.e., service panel, panel boards, sub-panels and conductors, is required.

Electrician's Name _____

Date _____

Company's Name _____

License Number _____

----- ⤴ To Be Completed by PRMD Building Inspection Staff ⤵ -----

Comments: _____

Inspector _____

Date _____

Sonoma County Permit and Resource Management Department

2550 Ventura Avenue ❖ Santa Rosa, CA ❖ 95403-2829 ❖ (707) 565-1900 ❖ Fax (707) 565-1103

Flood Damage Electrical Checklist

This form must be completed before re-energizing the service panel and prior to the final of the building permit.

I. Service panels and panel boards (sub-panels):

Molded case circuit breakers replaced? Yes No if not, why: _____

Fuses replaced? Yes No if not, why: _____

Busbars clean and dry and show no evidence of oxidation/corrosion? Yes No if not, why:

Grounding electrode system in place including water and gas bonds? Yes No if not, why:

II. House wiring system

Conductors of house wiring system tested (megohmmeter)? Yes No if not, why: _____

Megohmmeter test results submitted on conductors if they're not being replaced? (use attached Test Results form or facsimile) Yes No if not, why: _____

Appliances replaced including electric water heaters? Yes No if not, why: _____

Electronically controlled and solid-state contactors and starters replaced? Yes No if not, why: _____

Components containing semi-conductors of transistors replaced? Yes No if not, why: _____

Overload relays and adjustable-speed drives replaced? Yes No if not, why: _____

Test Results

Site Address: _____ City: _____

CIRCUIT #	TYPE OF CIRCUIT	TEST READING	DATE OF TEST