

EMF SERVICES LLC

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EMF Survey and Mitigation Services
EMI / RFI Assessment
Active Magnetic Shielding Systems
Consulting on Low-EMF Construction

Current Measurements with Clamp-on Ammeter

I will speak with the electrician just prior to taking the readings. He can read out the numbers over the phone and I will write them down. Nothing has to be filled in here. This is a guided interactive procedure that sometimes diverges from the outline below, based upon readings that may show up.

You will need to have available a portable electric heater or hair dryer so that the system can be loaded properly for testing. Readings will be taken under three different conditions, as shown below. Not all points will be used in all jobs.

	Normal Load	Power Off	Reference Load Only*
L1	_____	__0__	_____
L2	_____	__0__	_____
N	_____	_____	_____
GEC	_____	_____	_____
Water Pipe (at entry)	_____	_____	_____
SE Cable	_____	_____	_____
SubPanel Feeder	_____	_____	_____
Cable TV (outside)	_____	_____	_____

*Reference Load = 1000W to 1800W plug-in appliance and no other loads

ADDITIONAL QUESTIONS

1. Electric service? OVHD _____ UND _____ Size (Amps) _____
2. If overhead service, visible condition of drop to house? _____
3. Water line composition?
Copper _____ Galv _____ Lead _____ Plastic _____
4. Water meter location? Inside _____ Outside _____
5. Is grounding electrode system code compliant?
Plumbing _____ Rod _____ Other _____

Charles Keen
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