

State of California
Department of Food and Agriculture
Division of Measurement Standards

Certificate Number: 5264(a)-07
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California Type Evaluation Program
Certificate of Approval
for Measuring Devices

For:

Electronic Watt-Hour Metering System
Generic Name: Resi-MON
Meter Models:
3208100W (kh=1.953 watt-hour per blink) with
546-100-19-L72 (100 amp) 100: 2.0 VAC Sensor

3208200W (kh=3.9063 watt-hour per blink) with
546-200-19-L72 (200 amp) 200: 2.0 VAC Sensor

Submitted by:

E-Mon, LLC
(Formally E-MON Corporation)
One Oxford Valley, Suite 418
Langhorne, PA 19047
Tel: (215) 752-0601
Fax: (215) 752-3094
Contact: Dave Bovankovich

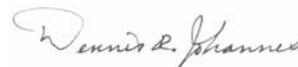
Standard Features and Options

Meter input voltage ratings are: 120V, 208V and 240V
Sensor coil 0.3 accuracy class
Six digit LCD kilowatt-hour totalizer display
LCD back-up by non-volatile memory in case of power failure

Options: Meter is provided with a modular connector for pulse output
This feature is denoted by the suffix "P" in the model number (not tested)

These devices were evaluated under the California Type Evaluation Program (CTEP) and were found to comply with the applicable requirements of California Code of Regulations for "Weighing and Measuring Devices." Evaluation results and device characteristics necessary for inspection and use in commerce are on the following pages.

Effective Date: April 11, 2007



Dennis R. Johannes, Director

E-MON, LLC
Electronic Watt-Hour Metering System
Generic Name: Resi-MON
Meter Models: 3208100W and 3208200W

Application: Electronic watt-hour metering system approved for use in legally submetered electrical service systems.

Identification: An adhesive identification label is attached to each portion of the two piece meter enclosure.

Sealing: The main circuit board, located inside the meter enclosure, has a sealable cover and provisions for a wire security seal which protects the calibration and configuration adjustment mechanisms. The meter enclosure is supplied with four screws of which two are drilled for a wire security seal to be affixed diagonally across the face of the meter enclosure after installation. This prevents access to the connection terminals for line voltage and for the current sensors.

Operation: The current sensor output is proportional to the tenant's current load and is connected to the central processing unit (CPU) within the meter. The CPU processes the information and a front panel display indicates accumulated kilowatt-hour values with liquid crystal numerals.

Test Conditions: This certificate supersedes Certificate of Approval Number 5264-01 and is issued to recognize a name change to E-Mon Corporation. The new name is E-Mon, LLC. No changes have been made to the device design as per the meter manufacture. No tests were conducted. The original test conditions are listed below for reference.

Certificate of Approval Number 5264-01: The Resi-MON system was submitted for evaluation. Three meters were tested at the Division of Measurement Standards (DMS) with loads varying from 6 amps to 100 amps and at 1.0 and 0.5 power factor. The meters were sealed and installed at a location for approximately 30 days. The tests were repeated at DMS. The system was also reviewed for sealing and marking requirements.

The results of the evaluation and information provided by the manufacturer indicate the system complies with applicable requirements.

Type Evaluation Criteria Used: Title 4, California Code of Regulations, 2007 Edition

Tested By: Dan Reiswig (CA) 5264-01, 5264(a)-07

