

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

Certificate Number: 2556(a)-04  
Page 1 of 2

***California Type Evaluation Program***  
***Certificate of Approval***  
***for Weighing and Measuring Devices***

**For:**

Electric Watthour Meter  
Mechanical  
Models: J5S and J5SA

**Submitted by:**

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**Standard Features and Options**

- Self-contained rotating disk type

**Model J5S:**

- 120 VAC, 2 Wire, Class 100, 1.8 Kh, Rr 111<sup>1/9</sup>
- 240 VAC, 3 Wire, Class 200, 7.2 Kh, Rr 27<sup>7/9</sup>, Multiplier for the 4 dial register is x10, Multiplier for the 5 dial register is x1.

**Model J5SA (with A-base adapter):**

- 240 VAC, 3 Wire, Class 200, , 7.2 Kh, Rr 27<sup>7/9</sup>, Multiplier 4 dial x10 or Multiplier 5 dial x1(uses standard meter connections)
- 240 VAC, 3 Wire, Class 200, Multiplier 4 dial x10 or Multiplier 5 dial x1\*

\* NOTE: When the same 240 V, 3W meter is used on a 120V, 2W service, using the A-base adapter, the following is required:

1. The adapter must properly series the meter's current coils.
2. The adapter must provide a neutral jumper wire for attachment to the meter's (opened) potential clip or the adapter's 5<sup>th</sup> terminal if provided.

This device was evaluated under the California Type Evaluation Program (CTEP) and was found to comply with the applicable technical 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: December 22, 2004



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Mike Cleary, Director

**Itron Electricity, Inc.**  
**Electric Watthour Meter**  
**Models: J5S and J5SA**

**Application:** For use as a watthour metering system in legally sub metered electric service applications.

**Identification:** The meter identification appears on its nameplate and/or register.

**Sealing:** A wire security seal will secure the meter cover to the meter base. This will prevent access to the meter adjustment.

**Test Conditions:** This certificate supersedes Certificate of Approval Number 2556-85 and is issued to include the approved disk constant (Kh), register ratio and multiplier.

Previous test conditions are listed below for reference.

**Certificate of Approval Number 2556-85:** Field tests and lab test were conducted on six Model J5S meters.

Results of the evaluation indicate the devices comply with applicable requirements.

**Type Evaluation Criteria Used:** Title 4, California Code of Regulations, 1985 Edition

**Tested By:** Tom Michel (CA) 2556-85

**Updated By:** John Roach (CA) 2556(a)-04