



February 13, 2020

DMS Notice

T-20-01

Discard: 03/04/2020

TO: WEIGHTS AND MEASURES OFFICIALS

SUBJECT: Training – Basic Electric Watt-Hour Submeter Systems

CDFA Division of Measurement Standards (DMS) is conducting training on Basic Electric Watt-hour Submeter Systems, March 3-4, 2020.

Purpose: This two-day training will instruct students how to properly inspect and test electric watt-hour submeters by applying California Code of Regulations (CCRs) and the applicable DMS Examination Procedure Outlines (EPOs).

This training includes formal classroom lecture, group exercises, audio-visual presentations, and hands-on practice. Field training will be scheduled at later dates with individual county weights and measures jurisdictions.

The hands-on practice will be conducted in the Orange County Agriculture and Weights and Measures Electric Meter Testing Laboratory. Students must dress appropriately, including but not limited to, non-synthetic clothing.

Objectives: After this training, students will be able to understand what electricity is, how it is distributed, how electric watt-hour submeters function, how to test mechanical and electronic submeters, and correctly apply the requirements and procedures in the CCRs and DMS's Device Enforcement Manual, EPO 39.

Supplies and Requirements: Students must bring a calculator for basic calculations and the current version of the CCRs. Also, students must bring the electric watt-hour submeter standard that is most commonly used in their county and any "jacks" used for testing socket-style electric meters. Notebooks and training materials will be provided.

Prerequisites: Students must have a sound working knowledge of the applicable CCRs.

Location: This training will be conducted at the Orange County Agriculture and Weights and Measures Office, 222 E. Bristol Lane, Orange, CA, 92865.





CALIFORNIA DEPARTMENT OF
FOOD & AGRICULTURE

Karen Ross, Secretary

Lodging, Meals, and Transportation: Lodging is available within a short distance of the training location. The nearest airport is John Wayne Airport in Santa Ana, CA. Students are responsible for their meals and making their own lodging and transportation arrangements.

Instructors: Paul Jordan (DMS, retired) and Mathew Douglas (DMS) have extensive technical experience as weights and measures officials in California and testing electric watt-hour submeters.

Attendance Limit: Attendance is limited to 15 students.

Fees: There are no registration fees for this training.

Enrollment:

- Contact Ed Gebing (DMS) via email at edward.gebing@cdfa.ca.gov
- Ed may also be contacted by calling DMS' main telephone number at 916-229-3000.

Deadline to Enroll: February 28, 2020.

Sincerely,

Kristin J. Macey

Director

Cc: Hyrum Eastman, County/State Liaison, CDFA

