



September 3, 2013

DMS Notice  
M-13-01  
Discard: 11/01/2013

**TO:** WEIGHTS AND MEASURES OFFICIALS

**SUBJECT:** ANNUAL THERMOMETER TESTING FOR COUNTIES

During the 2013 Winter Conference of the California Agricultural Commissioners and Sealers Association (CACASA) scheduled for October 7 - 10, the Division of Measurement Standards' (DMS) Metrology Program will perform its annual thermometer testing session.

The following are thermometers that are currently used in enforcement activities and should be tested using the schedule below:

- Electronic and/or digital thermometers **not tested in the past two (2) years.**
- Liquid-in-glass thermometers **not tested in the past five (5) years.**

***NOTE: Please submit only thermometers for certification. The Metrology Program will not certify any other weights and measures standards during the CACASA Winter Conference.***

- Liquid-in-glass thermometers need to be transported with the liquid bulb positioned below the top end of the thermometer to prevent liquid column separation.
- Digital thermometers must have new batteries and be operational.
- In accordance with enclosed "Attachment B, Serialization of County Standards", each thermometer submitted for certification **MUST have a seven-digit serial number assigned by the county.**
- Please make copies of the enclosed "SOP 40, Thermometer Data Sheet". Complete the information in the shaded areas and return the data sheets to us with the thermometers being submitted for testing.

Thermometers brought to the CACASA Winter Conference registration desk will be picked up by **11:00 A.M. on Monday, October 7** and taken to DMS for testing. Final pick-up of thermometers will be at **10:00 A.M. on Tuesday, October 8.**



DMS Notice M-13-01  
September 3, 2013  
Page 2

Thermometers delivered after final pick up may not be tested and may be returned uncertified. We will make every effort to have the thermometers returned to the hotel by noon on **Thursday, October 10, 2013**. Because of our procedures and measurement process (Quality Control), we will be unable to return any thermometers before Thursday.

If you have any questions, please contact Greg Boers, Principal State Metrologist at (916) 229-3022 or Anthony Gruneisen (916) 229-4858.

Sincerely,



Kristin J. Macey  
Director

Enclosure

cc: Gary Leslie, Director, County/State Liaison, Executive Branch

# SOP 40 THERMOMETER DATA SHEET

**SHADED AREAS MUST BE COMPLETED BY CLIENT**

**NON-SHADED DMS USE ONLY**

TEST NO.: \_\_\_\_\_ DATE: \_\_\_\_\_ SUBMITTED BY: \_\_\_\_\_  
(Client Name)

**LIST ONLY ONE THERMOMETER MANUFACTURER, MODEL, AND RANGE IN EACH SECTION**

Mfg: \_\_\_\_\_ Model: \_\_\_\_\_ ASTM No.: \_\_\_\_\_

Select °F **If Dual Temp Scale:** °C \_\_\_\_\_ °F \_\_\_\_\_ Range: From \_\_\_\_\_ To \_\_\_\_\_ Minimum Division \_\_\_\_\_

Liquid in Glass: Partial Immersion \_\_\_\_\_ Total Immersion \_\_\_\_\_ Electronic \_\_\_\_\_ Dial \_\_\_\_\_ Other: \_\_\_\_\_

DMS ID NO.	* Mfg Serial No	[ 32°F/0°C ]	[ 60°F/15.55°C ]	[ 90°F/32.22°C ]	[ 120°F/48.89°C ]	REMARKS
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

Mfg: \_\_\_\_\_ Model: \_\_\_\_\_ ASTM No.: \_\_\_\_\_

Select °F **If Dual Temp Scale:** °C \_\_\_\_\_ °F \_\_\_\_\_ Range: From \_\_\_\_\_ To \_\_\_\_\_ Minimum Division \_\_\_\_\_

Liquid in Glass: Partial Immersion \_\_\_\_\_ Total Immersion \_\_\_\_\_ Electronic \_\_\_\_\_ Dial \_\_\_\_\_ Other: \_\_\_\_\_

DMS ID NO.	* Mfg Serial No	[ 32°F/0°C ]	[ 60°F/15.55°C ]	[ 90°F/32.22°C ]	[ 120°F/48.89°C ]	REMARKS
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

Mfg: \_\_\_\_\_ Model: \_\_\_\_\_ ASTM No.: \_\_\_\_\_

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_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

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_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

\* PLACE A [3] ONLY IF AN OLD DMS ID# HAS BEEN REUSED FOR A REPLACEMENT.