

## LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT VERIFICATION PROCEDURE

### DRYING OVEN

#### Equipment

1. A calibrated thermometer in 1.0 °C increments having a range which includes the temperature range to be checked.
2. A brass thermometer well.
3. A clothes pin on the thermometer.

#### Procedures

1. Place the clothes pin on the thermometer.
2. Place the thermometer inside the brass well with the clothes pin attached. Position the thermometer, brass well and clothes pin on the shelf where the samples are normally dried.
3. Take the first reading at least 1 hour after closing the oven (oven should remain undisturbed).
4. Take three consecutive readings no less than 1/2 hour apart to determine if the temperature range is within the specified tolerance.
5. Adjust the temperature of the oven if an observed temperature reading is outside the tolerance specified (allow at least 1/2 hour for the temperature to stabilize between each adjustment). Return to step C.

**STATE OF LOUISIANA  
DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT**

**VERIFICATION OF  
OVEN TEMPERATURE SETTINGS  
verification procedure used: DOTD A1**

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Verification frequency: 4 months

Previous verification date:

Date of verification:

Next verification due:

Identification no.:

Mfg./distributor:

Verified by:

Verification equipment used:

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Reference to certified thermometer: \_\_\_\_\_ Yes \_\_\_\_\_ No

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Oven temperature setting	Oven temperature readout	Scale

Time of verification	Temperature Readings	Scale	Remarks

Recommended action: Repair \_\_\_\_\_ Replace \_\_\_\_\_ None \_\_\_\_\_

Comments:

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