

## LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT VERIFICATION PROCEDURE

### MOISTURE ROOM

#### Equipment

1. Secondary thermometers
2. Sling Psychrometer
3. Rain suit

#### Procedure

1. Check that temperature is thermostatically controlled for both heating and cooling.
2. Check that shelves are properly shielding to prevent droplet of water from falling on the surfaces of freshly molded specimens.
3. Check that the shelves are leveled on which fresh specimens are placed.
4. Check that the sprayer heads are clean and in proper working order.
5. Check that the specimens are not exposed to dripping or running water.
6. Check the specimens for free water maintained on the entire surface area.
7. Check and record the temperature ( $23.0 \pm 1.7^{\circ}\text{C}$ :  $73.4 \pm 3^{\circ}\text{F}$ ) of the damp room using the secondary thermometer. Record the date and time of day.
8. Record the temperature ( $23.0 \pm 1.7^{\circ}\text{C}$ :  $73.4 \pm 3^{\circ}\text{F}$ ) from the temperature recorder along with the date and time of day.
9. Record the relative humidity (95%, minimum) from the humidity recorder, if available.
10. Check that the relative humidity using a Sling Psychrometer.

**NOTE: ALL DAMPROOM ARE TO BE CHECKED DAILY FOR PROPER TEMPERATURE AND HUMIDITY. ALL CHARTS FOR THE DAMPROOM MUST BE KEPT AT LEAST THREE YEARS. A LOG FOR TEMPERATURE AND HUMIDITY READINGS MUST BE KEPT SHOWING READINGS AT LEAST MONTHLY.**