

QUALITY WORK INSTRUCTIONS (QWI) CALIBRATION PROCEDURE TEMPERATURE CONTROLLED OVEN

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1.0 SUMMARY

This procedure is written to describe the care and operation of the temperature-controlled oven. The accuracy of the results depends upon constant temperature, and careful weight determination.

2.0 PROCEDURE

1. Be careful with glass thermometers because they are fragile.
2. The oven must be on for a minimum of one (1) hour prior to testing.
3. Check and record the temperature reading on the oven thermometer carefully.
4. Remove the thermometer and replace with the ASTM Registered Thermometer. Wait five (5) minutes and record the reading on the ASTM Registered Thermometer.
5. If the readings are within $+ / - 2^{\circ}\text{C}$, replace the original thermometer in the oven.
6. If the readings are not within $+ / - 2^{\circ}\text{C}$, adjust the thermostat on oven.
7. Record your results on the Internal Calibration Chart (Form 29).