Electronic Thermometer Verification Procedure

Memorial University Technical Services
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Revision 2

Extech Easyview 10

1.0 Standards and Equipment
   The following equipment is required:
   Temperature simulator

2.0 Procedure

1) Record the ambient temperature. If the ambient temperature is <18°C or >24°C perform verification at another location.

2) Connect the thermometer leads to the appropriate polarized TC mini plug and insert the plug into the TC terminals on the calibrator.

3) Select lower display from the Main Menu and choose TC from the primary parameters

4) Choose OUT from the input/output control

5) Choose CLC ON

6) Select the desired thermocouple type from the sensor type

7) Enter the temperature using the keypad

8) Select as follows: -50 deg C to 50 deg C in 10 deg increments (Select high, medium and low temperature values)

9) Record values in Thermometer Verification Table, TS-0090 Thermometer Calibration Record Sheet.