

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 $<18^{\circ}\text{C}$ or $>24^{\circ}\text{C}$ 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.