Acceptable Pressure Differential Pressure Gauges:

**DIFFERENTIAL PRESSURE GAUGE** - dial range, 0-15 psi, 0.2 psi intervals. The following is a list of several gauges reviewed by the University of Southern California Foundation of Cross-Connection Control and Hydraulic Research and found to be acceptable as testing equipment for backflow prevention devices and meet general guidelines found in Section 9 of their 9th Edition of the Manual of Cross-Connection Control for testing equipment.

- **Apollo Valves/Conbraco Industries, Inc.**
  - Model 40-200-TKU
  - Model 40-200-TK5U
- **Astra**
  - Model Promaster ASRP-4
- **CAMERON**
  (Formerly Prime Measurement, ITT Barton)
  - Model 226
  - Model 227
  - Model 246
  - Model 247
  - Model 226C
  - Model 227C
  - Model 246C
  - Model 247C
- **Danfoss Flomatic Corporation**
  - Model TK1
- **Duke**
  - Model 75
  - Model 75B
  - Model 100
  - Model 1000
  - Model EZ900
- **Febco**
  - Model TK845-5
- **Meriam Instrument**
  - Model 1124
- **Mid-West**
  - Model 830
  - Model 835
  - Model 845-2
  - Model 845-3
  - Model 845-5
- **Watts**
  - Model TKDR
  - Model TKDP
  - Model TK99D
- **Wilkins Regulator Co.**
  - Model TG-3
  - Model TG-5

Pressure differential gauges shall be calibrated periodically or as needed. The make, model, serial number and calibration date shall be recorded on each completed Backflow Prevention Device Field Testing and Maintenance Report.

At the time of a Tester’s certification exam, all pressure differential gauges shall go thru a simple pressure test to verify the accuracy of the gauge. The test incorporates a site tube with graduated markings at 1 and 2 psi. The gauge must accurately report the pressures indicated within ±2 psi, decending. A separate test will focus on the integrity of the valves on the gauge. The shut-off valves must not leak.