

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	Febco	Model TK845-5
Astra	Meriam Instrument	Model 1124
CAMERON (Formerly Prime Measurement, ITT Barton) Model 226 Model 227 Model 246 Model 247 Model 226C Model 227C Model 246C Model 247C	Mid-West	Model 830 Model 835 Model 845-2 Model 845-3 Model 845-5
Danfoss Flomatic Corporation Model TK1	Watts	Model TKDR Model TKDP Model TK99D
Duke Model 75 Model 75B Model 100 Model 1000 Model EZ900	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, descending. A separate test will focus on the integrity of the valves on the gauge. The shut-off valves must not leak.