

TESTING

SPILL PROOF PRESSURE VACUUM BREAKER

UNITEC acknowledges the contributions of Howard Hendrickson who personally designed and developed the following test procedure for Murray Ellis, who in turn made this procedure available for the UNITEC Backflow Testers Course.

The Spill Proof Pressure Vacuum Breaker differs from all other testable devices, as it has only one test cock point and a single bleed point screw.

Procedure

Identify appropriate person and obtain permission to shut off water.

- (a) Turn off downstream valve (5).
- (b) Remove device hood cap from top of valve.
- (c) Flush out test cock and bleed screw.
- (d) Connect high pressure hose to test cock.
- (e) Open test cock and test kit valve (A), bleed through vent valve (C), close test kit vent valve (C).
- (f) Close upstream valve (4).
- (g) Open bleed screw, observe test kit differential, record when steady. (Should be no less than 7 kPa).
- (h) Open needle valve (B), watch poppit valve on top of device drop (open). Close test point, bleeder screw and remove test kit and drain. Refit device hood cap. Open upstream valve (4) and slowly open downstream valve (5) returning device to service.