TESTING A DETECTOR CHECK VALVE (888)

- **ASSEMBLY SHOULD BE ON AND AIR REMOVED FROM TEST COCKS.**
- **FIRST TEST THE BY-PASS CHECK VALVE:**
  - TURN ON TEST COCK #3 SLOWLY AND LET RUN SLOWLY.
  - TURN OFF THE CITY SIDE BYPASS SHUT OFF VALVE.
  - OBSERVE IF THE TEST COCK #3 WATER FLOW STOPS. THIS WILL INDICATE IF THE BYPASS CHECK VALVE IS HOLDING BACKPRESSURE.
  - IF WATER CONTINUES TO FLOW FROM TEST COCK #3, CLEAN OR REPAIR, THEN RETEST.
- **MAIN ASSEMBLY TEST:**
  - ATTACH A PRESSURE GAUGE TO TEST COCK #4, PRESSURIZE AND NOTE READING ON GAUGE.
  - TURN OFF SHUT OFF VALVE #1.
  - SLOWLY OPEN TEST COCK #2 TO REDUCE PRESSURE TO THE CITY SIDE OF THE CHECK VALVE.
  - THE PRESSURE GAUGE SHOULD STAY AT OR NEAR INITIAL READING – THEN ASSEMBLY PASSES.
  - IF THE MAIN ASSEMBLY IS LEAKING, CLEAN OR REPAIR AND RECHECK.
- **AS WITH ANY CHECK VALVE, IT MUST HOLD AT LEAST 1 PSI.**