

Safe procedure for Testing

- 1. Test Supervisor to establish the target test pressures.
- 2. Confirm barriers and related signage are placed along the test section.
- 3. Assign designated personnel to patrol areas to keep people away from exposed pipe during the test.
- 4. Establish communication between patrolmen and test supervisor prior to beginning pipeline pressurization.
- 5. Place all ball valves in 50% open position for the test and leave all plug and gate valves in the 100% open position.
- 6. Ensure methods of isolating facilities being tested from test equipment and pumps are adequate. Provide a double block between the pump and test head.
- 7. Raise the pressure in the pipeline slowly and smoothly to MAOP and hold for thirty minutes. Check all accessible visible connections for leaks and allow the pressure to stabilize.
- 8. Raise the pressure in the pipeline slowly and smoothly to 75% of the minimum of the minimum hydrostatic test pressure at the test point and hold for thirty minutes. Allow pressure to stabilize and verify there are no signs of a leak.
- 9. Upon Test Supervisor approval, pressurization should continue at a uniform rate not to exceed 10 psi/minute to desired test pressure.
- 10. Upon completion of test, use caution when releasing water at test pressure. When opening any valves or appurtenances, watch body position and stand clear of line of fire. The test pressure should be relieved by partially opening a small tap valve before initiating the de-watering process.



