

GUIDELINE
BLOOMFIELD GENOA CITY
FIRE & RESCUE

HOSE TESTING

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ACCEPTED BY:

SUBJECT: GUIDELINE FOR CONDUCTING PROPER SERVICE TESTING OF FIRE HOSE

PURPOSE: To establish guidelines for maximizing firefighter safety when conducting service testing of fire hose.

SCOPE: This guideline is to be followed by all officers, members and employees of this department. Authority to deviate from this guideline rests with the officer in charge of the incident and will be responsible for the results of any deviation.

1. Hose testing shall be completed annually and in conjunction with the guidelines set forth in NFPA 1962, *Standard for the Care, Use and Service Testing of fire Hose Including couplind and Nozzles*.
2. Connect hose to discharge outlet of hose testing equipment.
3. Lay out hose not to exceed 300 feet.
4. Examine the hose for defects, couplings for damage and gaskets for wear or defects. If any of these are present the hose shall be repaired or taken out of service.
5. Complete Hose Record Log to indicate hose involved in testing.
6. Attach and leave open test cap or nozzle. Gradually raise pressure to 45 psi.
 - A. Exhaust all air from hose to be tested.
 - B. Close test cap or nozzle.

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7. Secure hose directly in back of test cal or nozzle to avoid whipping or other reactions.
8. With pressure at 45 psi check each coupling for leaks and tighten as necessary.
9. Mark a black line around the hose jacket where it meets the coupling on both ends of all sections of hose to be tested.
10. **ALL PERSONNEL OTHER THAN NECESSARY TO COMPLETE PROCEDURE SHALL CLEAR THE TEST AREA.**

DURING TESTING, ALL PERSONNEL SHALL WEAR THE FOLLOWING SAFETY EQUIPMENT:

- **Fire Helmet**-to provide head, face and eye protection
 - **Fire or Leather Gloves (which shall be worn any time when handling hose)**-to provide hand protection
 - **Fire Bunker Boots**-to provide foot, ankle and shin protection
11. The pressure in the hose lays shall be raised not to exceed 15 psi per second until the service pressure is attained.
 12. The service pressure and length of test will be determined by the hose being tested.
 13. While the hose is at service pressure it shall be inspected for leaks. If personnel are to walk the test layout, they shall be a minimum of 15 feet to the left of the nearest layout (*this is determined by standing at the test pump facing the free end of the layout*). Personnel shall never stand in front of the free end of the hose, on the right side of the hose, closer than 15 feet on the left side of the hose or straddle the hose in a layout.
 14. If the test layout fails for any reason the test will terminate, the effected hose lengths shall be removed or repaired. The test will then be restarted at item #2.
 15. After completion of the test open the test caps and or nozzles and drain the layout
 16. Check marks at each coupling and inspect for slippage. If the coupling has slipped, the hose will have failed the test and will be removed from service.
 17. The Officer in charge will file the Hose Record Log in its appropriate place.

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