



FIRE HOSE TESTING SOG

Scope/Purpose:

The purpose of testing is to comply with the guidelines of the N.F.P.A. 1962 and insure all hose and hose appliance related equipment is safe for use according to the manufactures recommendations.

The purpose of the hose service records is to provide accurate documentation regarding the vitality of each hose & related appliance for the Stoney Point Fire Department.

Testing:

All Department fire hose shall be tested on an annual basis.

The Day Shift Captain shall oversee the Departments annual hose testing dates, procedures and ensure its proper documentation.

Each length's layout shall have the same test pressure on the hose and not to exceed 300 feet in a single line.

Check the coupling number on each section of hose. Mark a circle around both coupling ends with an ink pen or permanent marker. Record these numbers on the Hose Test Log Sheet.

With the hose laid out in a straight line, test the hose for five (5) minutes after the pump reaches the test pressure.

After the five-minute test is over, walk the lines to check circle marked on coupling to check for separation. Some will occur. When there is a $\frac{1}{4}$ " or separation or coupling slippage, this section of hose has failed the test. If hose jacket leaks, bursts or separates, shut down line and drain

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line. Fill out a maintenance report on that section with an explanation of the problem, date, and name. Replace the problem section with another section and note its number. Start test of this length of hose over. Maintenance report must be filled out on the section of hose being removed from service.

NOTE: Exercise extreme caution during tests due to the extreme pressures being applied to the hose and appliances!

Service Records:

1. ACTUAL FILE – All information pertaining to the hose number, hose diameter, hose brand, hose construction, brand of couplings, type of couplings, hose manufacturer, hose vendor, hose purchase date and cost will be documented and filed in order to maintain accurate service records on the type of hose. This information will also include the initial hose test date, length tested, test pressure achieved, duration of test, whether or not the section(s) of hose passed or failed the test and nay comments pertaining to any of the testing evolutions. This data will be entered and tracked in firehouse
2. HOSE/TEST FAILURE – The purpose of the annual hose pressure test is to see if the condition of the hose is sufficient to withstand a given amount of pressure. For any hose that has failed under test conditions a maintenance report will be completed and processed like all other maintenance reports. This report documents the test conditions and states the reason for the failure of the hose. This also documents any corrections or repair of damaged hose, documents the date of retest, as well as the date that the hose was taken out of service and the date that the hose was placed back into full service.
3. HOSE/FIRE GROUND FAILURE – Roll hose appropriately to show it is out of service and complete a maintenance report upon arriving back at the station. Replace the unserviceable section of hose with serviceable hose from the hose room and note the new piece of hose on the maintenance report.

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