



**ARCADIA FIRE DEPARTMENT  
STANDARD OPERATING GUIDELINE**

**STAND PIPE OPERATIONS**

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**Approved:** \_\_\_\_\_  
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**PURPOSE**

This shall serve as an operational guide for all Arcadia Fire Department members in fire operations involving Stand Pipes.

**RESPONSIBILITY**

It shall be the responsibility of all Department personnel to follow these guidelines when assigned to Stand Pipe operations.

Personnel safety shall be the first priority, determine safe areas of operation, away from multistory structures and away from potential collapse zones.

**PROCEDURE**

1. Identify stand pipe location.
2. If location is Safe, stand pipe may be supplied utilizing either method forward or reverse.
3. Unsafe location, stand pipe shall be supplied utilizing a reverse lay.
4. Reverse lay, shall be deployed utilizing 4" hose, Triamese, 4" double male fitting and adequate 2 1/2" hose to make Stand Pipe connections.
5. Forward lay, shall be deployed utilizing 4" hose and adequate 2 1/2" hose to make stand pipe connections.
6. Stand Pipe shall be pumped utilizing the following formula:  
Discharge Pressure = Friction Loss + Stand Pipe + Head Pressure + Nozzle Pressure
7. Do not pump the system greater than 200 psi, unless the stand pipe system has been specifically designed to withstand higher pressures.