HOSE LOADS AND PUMP OPERATIONS

Effective: November 3, 2023
Scheduled Review: November 3, 2026
Approved: Fire Chief Mike Kennedy

I. PURPOSE
This procedure establishes the type and quantity of fire hose carried on suppression apparatus including the proper loading.

II. PRECONNECTS - ALL SUPPRESSION APPARATUS
All suppression apparatus has two transverse hose beds for pre-connected fire hose lines. These pre-connects are located directly adjacent to the pump panel. Both of these transverse pre-connects shall be loaded utilizing the “modified minute-man” load with three Velcro straps as part of the first 100’.

• Pre-connect #1 (closest to cab) shall be loaded with four (4), fifty-foot (50) sections of 1¾” yellow Mercedes KrakenExo hose. The total length will be 200’. This hose load will have an Elkhart XD 7/8” smooth bore nozzle.
• Pre-connect #2 shall be loaded with four (4), fifty-foot (50) sections of 1¾” blue Mercedes KrakenExo hose. The total length will be 200’. This hose load will have an Elkhart XD 7/8” smooth bore nozzle.

III. LEADER LINE – ENGINE COMPANY

• Primary (far left side of rear hose bed) 300’ of 2” blue Mercedes KrakenExo to a reducer to 100’ 1¾” blue Mercedes KrakenExo hose. The last 100’ 1 ¾” shall be loaded utilizing the “modified minute-man” load with three Velcro straps. This hose load will have an Elkhart XD 7/8” smooth bore nozzle.
• Secondary (to right of primary) 300’ of 2½” to a reducer to 100’ 1¾”. The 100’ bundle shall be a color other than blue or yellow. The last 100’ 1¼” shall be loaded utilizing the “modified minute-man” load with three Velcro straps. This hose load will have an TFT Dual Force automatic nozzle (low setting).

IV. LARGE DIAMETER SUPPLY LOAD - ENGINE COMPANY
The center static hose bed shall have 800’ of 5” supply line. This shall be loaded in a flat load.

V. 2½” STATIC LOAD - ENGINE COMPANY
The company officer’s side static hose bed shall have 500’ of 2½” hose. This hose load shall have a 2½” TFT smooth bore with 1” and 1 1/8” stacked tips without pistol grip. This shall be loaded in a flat load.
VI. STANDPIPE HOSE AND EQUIPMENT

High-Rise Hose Cache - Each engine and ladder company will have one (1) high-rise cache. Ladder 1-5 shall be recognized as an engine company for the purposes of this SOP.

The cache consists of three bundles of hose as indicated below:
Two (2) 50-foot lengths of 2” hose packaged in the Denver Load configuration with designated hose straps. The high-rise cache shall not be used as a secondary line for leader line operations.
One (1) High-Stack Tip Nozzle package: without pistol grip, stacked 1” and 1 1/8” smooth-bore tip nozzle

High-Rise Kit - All suppression companies will have one (1) high-rise kit.
One (1) Pressure gauge
Two (2) High-Rise elbow
One (1) Gate Valve
Two (2) Spanner Wrenches
One (1) Swiveling Bell Reducer
One (1) Increased Adapter
One (1) Standard wire brush
One (1) Aluminum 18” pipe wrench
One (1) Elongated flathead screwdriver
One (1) Long-nose needle pliers
Two (2) Fat Ivan Door Props