

Santa Barbara City Fire Department - Standard Operating Procedures <b>Training Operations</b>	Code: <b>T-II-6</b>
<b>1 ¾” Preconnects Lay</b>	
Chpt: II Hose Lays	Revised: 3/29/13 Pages: 4

**Objective:** To provide applicable fire flow up to 225 gpm for fire extinguishment and exposure protection with pre-plumbed pre-connected 1 ¾” hose lines. Preconnects come in two lengths, 150’ and 275’.

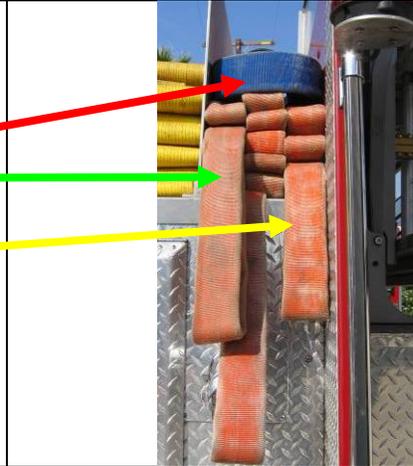
**150’ preconnect**

<b><u>STEP #</u></b>	<b><u>CAPTAIN</u></b>	<b><u>ENGINEER</u></b>	<b><u>FIREFIGHTER</u></b>
<b>1</b>	Gives order to Engineer and Firefighter. Put on breathing apparatus if necessary	Receives order from Captain. Stop Engine 15’ past point of entry Apparatus with transverse hose beds should stop with hose in line with the point of entry. Set controls for pumping.	Receives order from Captain. Put on breathing apparatus if necessary.
<b>2</b>			<u>150’ 1 ¾” Line:</u> Right hand through triple loop and grasp nozzle. Left hand grasps remaining loops. Pull hose from bed and drop loops as they become taut. Hose in triple loop (last 50’) is working line at the fire.

# 1 3/4" Preconnects

## 275' Preconnect

The load consists of four 50' sections of orange 1 3/4" hose and one 75' length of coiled blue hose. The main components of the load are a blue hose coil on the top (Red arrow) and 2 loops. The top loop (Green arrow) is placed at the 150' mark and is about 18" long. The bottom loop (Yellow arrow) is placed at the 50' mark and is about 12" long. We will now look at how this load is pulled.



Pulling the 275' load:

1. Firefighter grabs the 75' blue hose bundle and shoulder loads it. Note: Bundle may be loaded on either shoulder, whichever is most comfortable and safe for the firefighter.



2. Firefighter then grabs the TOP loop and steps off the tailboard. Note: The loops may be pulled with either right or left arm, whichever is most comfortable and safe for the firefighter.

2a. Another option is for the firefighter to shoulder load the bundle, step off the tailboard and then grab the top loop and pull from the ground. Experiment and see which method works best.



## 1 3/4" Preconnects

3. Firefighter pulls out enough hose until the captain can step in and grab the bottom loop.  
Note: The loops may be pulled with either right or left arm, whichever is most comfortable and safe for the captain.



4. Both Firefighter and Captain now proceed to the fire pulling hose out of the bed. Much like the old 300 pull.



5. As the loop that the captain is pulling comes taught, the captain drops the loop and proceeds up the line to assist the firefighter. While proceeding up the line, the captain should clear kinks.



## 1 3/4" Preconnects

6. As the loop that the firefighter is pulling comes taught, the firefighter drops the loop and proceeds to the fire. Once crew reaches entry point, put the bundle on the ground and remove strap. This will provide 75' of working line at the point of entry.

**IMPORTANT:** Be sure to pull the nozzle out of the center of the coil prior to charging to avoid knotting the hose.



7. Crew charges line and advances.

