



## HOSE LOADS (1.1)

Developed by Lieutenant Jason Goodale  
December 2010

- NFPA 1001

### TASK SKILL DESCRIPTION AND DETAIL

#### General Information

- All LFR engine and squad companies will have a minimum of 800' of 4" or 5" LDH hose. This hose will be flat loaded with a strap finish about 10' from coupling. The end coupling will have a hydrant adapter attached; it will be stored inside the hydrant bag.
- All companies will have a minimum of 200' of 2 1/2" flat loaded
- All LFR companies that carry attack hose will have the following hose selection.
- All LFR 1 3/4" and 2 inch hose loads will be finished off with the Gazner Load.
  - 1- 200' 1 3/4" green attack line
  - 1-300' 2" yellow attack line
  - 1-150' 1 3/4" red bumper line
  - 1-200' 3" blue blitz fire attack line
  - 1 Alley line= 300' of 3" hose with a gated wye with 100' 1 3/4"
  - 1- 200' 2 1/2" attack line

- **Gazner Load**

- The Gazner is the load that will finish off the 200' 1 3/4" and 300' of 2" hose loads.
  - Start the load with the male coupling. Then wrap the hose in a circle that extends about 6" past on both ends of the strap. Continue doing this until all 100' are completed, then apply the strap to the load.





### 200' 1 3/4 Green Line

#### Rear Deploying Hose Beds

- **Triple Flat**

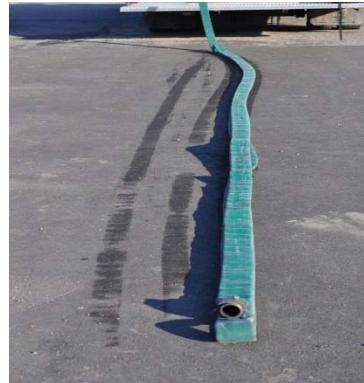
- The triple flat is used on the bottom section of the 200' 1 3/4 on rear deploy hose beds.
- **Step 1-** Start the load by finding a point two-thirds of the way from the hose bed, make a fold and double the hose on itself back toward the engine. Make another fold, the last part with the nozzle, to create the third layer.
- **Step 2-** These three layers are now treated as one for loading the hose. Leave about two-three feet of the male end out. This will become a loop once the load is completed.
- **Step 3-** Take the triple flat load and load it as a flat load.



Step 1



Step 2



Step 3



**Completed Hose load for Rear deploying hose beds.**

- Once the triple flat and the gazner loads have been completed, connect the two in the hose bed. Leave a short loop of hose out for deploying the load.





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#### Cross – Lay Hose Beds

##### • Flat Load

- The flat load is used on engine companies that have cross-lays.
- **Step 1-** Flat load one 50' section of 1 ¾" hose, Leave a small loop on both sides of the apparatus.
- **Step 2-** Flat load an additional 50' section of 1 ¾" hose.
- **Step 3-** The Gazner will finish off the load. There should be enough of the Gazner load out of the hose bed to allow a firefighter to grab the load when deploying.

**Step 1**

**Step 2**

**Step 3**  
**Completed Load**



**300' 2" Yellow Line**  
**Rear Deploying hose beds**

- The 300' 2" hose load on engine companied with rear deploying hose beds is a combination load. The load is 200' of 2" hose flat loaded, finished off with a 100' Gazner.

**Step 1-** The Flat load is loaded in a single stack with a loop after the 1<sup>st</sup> 100'.

**Step 2-** The remaining 100' is flat loaded.

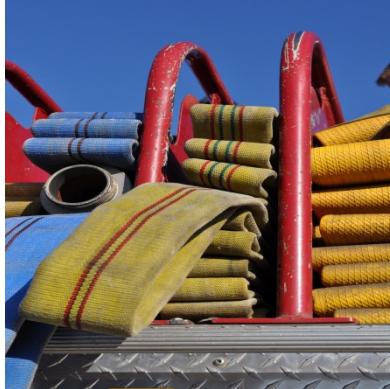
**Step 3-** The Gazner will finishing off last 100' of the load.

**Step 1**

**Step 2**

**Step 3**

**Completed Load**



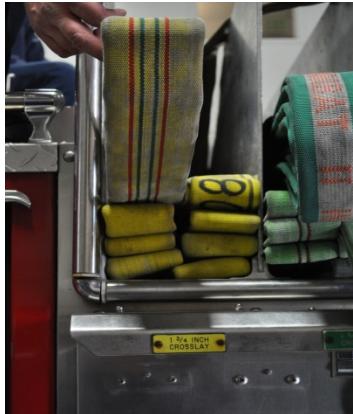
**300' 2" Yellow Line**  
**Cross- Lay Hose Beds**

- The 300' 2" hose load on engine companies with cross-lays is a combination load. The load is 200' of 2" hose flat loaded, finished off with a 100' Gazner.
  - Step 1- Flat load 100 feet of two inch hose. Leave a small loop on both sides of the apparatus.
  - Step 2- Flat load an additional 100' of 2" hose.
  - Step3-The Gazner will finish off the remaining 100' of the load.

**Step-1**

**Step-2**

**Step-3  
Completed Load**



#### **Large Diameter Hose (LDH)**

Each Engine and Squad company will carry 1000' of LDH. The exception is Engine 3, and it carries 800' feet of 4" LDH. This hose will be flat loaded with a strap finish about 10' from coupling. The end coupling will have a hydrant adapter attached; it will be stored inside the hydrant bag.

The Hydrant Bag will consist of the following equipment:

- 2 1/2 gate valve
- 2 1/2 spanner wrenches 2
- Storz spanner wrenches 2
- Rubber mallet
- Hydrant wrench



#### **Front Bumper Line**

The front bumper line consists of 150' of 1 ¾ red rubber hose. The load consists of three 50' sections donut rolled connected together. (The New E1 will have a 200' load).

#### **Donut Roll**



#### **Finished Load**



(Need to get picture of finished load with 150')

#### **Alley Line Rear Deploy**

The Alley Line consists of 300' of 3', gated wye and 100' of 1 ¼" hose. The Load is a combination of three loads: Flat Load, Minute Man Load, and the Gazner Load.



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Need Pictures of load with 3 inch.

#### Alley Load Cross- Lay

The Alley Line consists of 300' of 3", gated wye and 100' of 1 3/4" hose. The 3" is flat loaded and finished off with a 100' 1 3/4" gazner.

Need photos of load with 3" hose.



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