



# Fire Protection Training

Procedures Handbook 4300

HOSE

**TOPIC:** How to Make A Forward Lay - Supply Line

**TIME FRAME:** 30 Minutes

**LEVEL OF INSTRUCTION:**

**BEHAVIORAL OBJECTIVE:**

*Condition:* A fire engine spotted at a hydrant, a hose bed with 500 feet of medium or large diameter hose, and a hydrant wrench

*Behavior:* The student will pull and anchor the hose, make the hydrant connection and charge a forward lay upon command under simulated fire conditions.

*Standard:* With a minimum of 70% accuracy, within three minutes

**MATERIALS NEEDED:**

- A fire engine
- Hose bed of medium or large diameter hose
- Hydrant
- Hydrant wrench
- Stop watch
- Performance examination
- Marking pen
- Tally sheet

**REFERENCES:**

- IFSTA, Essentials of Fire Fighting, 2nd Edition, Chapter 10
- IFSTA, Hose Practices, 7th Edition, Chapter 5

**PREPARATION:**

During periods of limited staffing the ability to catch a hydrant, perform the hydrant evolution properly and report for a new assignment quickly is especially important.

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HOW TO MAKE A FORWARD  
LAY-SUPPLY LINE

## OPERATIONS

## KEY POINTS

1. Mount tailboard
2. Grasp hose
3. Step down
4. Pull hose
5. Remove hose appliances and hose tools
6. Anchor hose

NOTE: All hose, appliances, etc., needed from the engine must be grounded between the engine and the anchor point.

7. Give command "Lay Line"
8. Ground hose
9. Remove hydrant cap

- 1a. Facing hose bed
- 2a. In hose bed
  - b. At loops
- 3a. To ground
  - b. Facing direction of travel
- 4a. Enough to reach past hydrant
  - b. Lay hose beside the hydrant
- 5a. From apparatus
  - b. Hydrant wrench
  - c. Necessary to make hydrant connections
- 6a. Both hands
  - b. Not interlocked
  - c. Not straddling hose
  - d. By edges
  - e. Thumbs up
- 7a. Loudly
  - b. Visible in operator's mirror
- 8a. When third coupling hits ground or when 100' of LDH is grounded
- 9a. For discharge/s to be used



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HOW TO MAKE A FORWARD  
LAY-SUPPLY LINE

## OPERATIONS

## KEY POINTS

10. Flush hydrant

10a. To clear debris

b. To clear rust

c. Open fully

d. Open slowly

11. Close Hydrant

11a. Fully

b. Slowly

12. Connect hose

12a. To hydrant

b. Female coupling on hose to male on hydrant

13. Charge hose

13a. Upon engine operator's command

b. Open hydrant fully



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LAY-SUPPLY LINE

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***APPLICATION:***

The student will practice until proficient.

***EVALUATION:***

A performance examination.

***ASSIGNMENT:***

To be determined by instructor(s).

# Performance Examination

HOW TO MAKE A FORWARD  
LAY-SUPPLY LINE

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## POINTS

### TIME START

- |     |  |           |
|-----|--|-----------|
| 1.  | Mount tailboard facing hose bed  | <u>5</u>  |
| 2.  | Grasp hose in hose bed by loops  | <u>5</u>  |
| 3.  | Step down from tailboard facing direction of travel                            | <u>10</u> |
| 4.  | Pull enough hose to reach past hydrant   | <u>10</u> |
| 5.  | Remove hydrant wrench and needed hose appliances and hose tools from apparatus | <u>10</u> |
| 6.  | Anchor hose with both hands, thumbs up at edge of hose                         | <u>10</u> |
| 7.  | Give command to "Lay Line" loudly  | <u>5</u>  |
| 8.  | Ground hose when third coupling or 100' of LDH hits the ground                 | <u>5</u>  |
| 9.  | Remove hydrant cap from discharge to be used                                   | <u>10</u> |
| 10. | Flush hydrant by slowly and completely opening and closing the hydrant         | <u>10</u> |
| 11. | Connect female hose coupling to the hydrant                                    | <u>10</u> |
| 12. | Charge hose upon engine operator's command                                     | <u>10</u> |

### TIME STOP

**ENTER TOTAL TIME:**         :

**POINTS POSSIBLE:**     100

**POINTS DEDUCTED:**

**FINAL SCORE:**

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**EVALUATOR'S SIGNATURE:**

**DATE:**

**COMMENTS:**

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