



Fire Protection Training

Procedures Handbook 4300

HOSE

TOPIC: How to Make A Dual 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 hoses, make dual forward lay hydrant connections and charge the dual forward lay upon command under simulated fire conditions.

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

MATERIALS NEEDED:

- A fire engine spotted at a hydrant
- A hose bed of medium or large diameter hose
- A hydrant
- A hydrant wrench
- Stop watch
- Performance examination
- A marking pen
- Tally sheet

REFERENCES:

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

PREPARATION:

A fire engine spotted at a hydrant, a hose bed of medium or large diameter hose, a hydrant, a hydrant wrench, a stop watch, a performance examination, a marking pen and a tally sheet.

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HOW TO MAKE A DUAL 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 hoses

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 hoses
9. Remove hydrant caps
10. Flush hydrant

- 1a. Facing hose bed
- 2a. From each 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. Adapters 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 couplings hit ground or when 100' of LDH is grounded
- 9a. For discharge/s to be used
- 10a. To clear debris
 - b. To clear rust
 - c. Open fully
 - d. Open slowly

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HOW TO MAKE A DUAL FORWARD
LAY-SUPPLY LINE

OPERATIONS

KEY POINTS

11. Close Hydrant

11a. Fully

b. Slowly

12. Connect hoses

12a. To hydrant

b. Female couplings on hoses to males
on hydrant

13. Charge hoses

13a. Upon engine operator's command

b. Open hydrant fully



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HOW TO MAKE A DUAL FORWARD
LAY-SUPPLY LINE

APPLICATION:

The student will practice until proficient.

EVALUATION:

A performance examination.

ASSIGNMENT:

To be determined by instructor(s).

Performance Examination

HOW TO MAKE A DUAL FORWARD
LAY-SUPPLY LINE

POINTS

TIME START

- | | | |
|-----|---|-----------|
| 1. | Mount tailboard facing hose bed | <u>5</u> |
| 2. | Grasp hoses 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 necessary hose appliances and hose tools from apparatus | <u>10</u> |
| 6. | Anchor hoses 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 caps from discharges 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 couplings 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:
