



FIRE CREW FIREFIGHTER TRAINING

Procedures Handbook 4200

ORIENTATION TO WATER
AND HOSE USE

TOPIC: HOW TO MAKE A SINGLE DONUT HOSE ROLL - TWO PERSON METHOD

TIME FRAME: 0:15

LEVEL of INSTRUCTION: Level II

BEHAVIORAL OBJECTIVE:

Condition: Given one length of 1 ½" or 1 ¾" unrolled hose with male and female couplings

Behavior: The student will roll hose using the two person donut roll method

Standard: With a minimum of 70% accuracy, within 2 minutes, according to the job breakdown

MATERIALS NEEDED:

- Job breakdown
- One section of hose per two students
- One stop watch
- One set full wildland PPE per student

REFERENCES:

- CDF Fire Protection Training Handbook 4300
- Essentials of Fire Fighting, IFSTA, 4th Edition, Chapter 12

PREPARATION:

The donut roll has certain advantages that the straight roll does not have. The two main advantages are that both ends are available on the outside of the roll and that the hose is less likely to spiral or kink when unrolled.



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HOW TO MAKE A SINGLE
DONUT HOSE ROLL - TWO
PERSON METHOD

OPERATIONS

KEY POINTS

- | | |
|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| 1. Lay out hose | 1a. Flat
b. Straight
c. Fully extended |
| 2. Carry male coupling | 2a. Towards female coupling |
| 3. Place male coupling | 3a. On top of hose 5 feet from female coupling
b. Layers of hose should be lapped over smoothly, aligned, and without kinks |
| 4. Take positions | 4a. First person at fold facing female coupling
b. Second person 4-5 feet in front of first person facing partner |
| 5. Roll hose | 5a. First person
b. Toward couplings
c. Hand over hand
d. Keeping outer edges even |
| 6. Remove slack and keep hose straight | 6a. Second person
b. During rolling
c. Backing to maintain five foot interval
d. Don't roll over male coupling |
| 7. Lay roll flat | 7a. On the ground
b. Gently
c. Without damaging couplings |
| 8. Complete donut roll | 8a. Wrap female end of hose around remaining rolled hose
b. Male coupling threads protected by last hose layer |
| 9. Secure rolled hose | 9a. With rubber band or other restraining device |

APPLICATION:

Students will practice making a single donut hose roll using the two person method, under Fire Captain/instructor supervision.

EVALUATION:

The student will complete a manipulative performance test at a time determined by the instructor.

ASSIGNMENT:

Practice making a single donut hose roll using the two person method, in preparation for the upcoming performance test.