



Fire Protection Training

Procedures Handbook 4300

TOPIC: How To Operate A 2-½” Hose Clamp

TIME FRAME: :15

LEVEL OF INSTRUCTION: Level II

BEHAVIORAL OBJECTIVE:

Condition: One section of 2-½” charged hoseline (150 psi) and one hose clamp tool

Behavior: The student will shut off the water flow using the hose clamp tool under simulated fire conditions.

Standard: With a minimum of 80% accuracy within one minute

MATERIALS NEEDED:

- One (1) fire engine with operator
- One section of charged 2 ½” hose (150 psi)
- One (1) 2-1/2 hose clamp tool

REFERENCES:

- IFSTA, Essentials of Fire Fighting, 5th Edition, Chapter 13 Page 650
- IFSTA, Hose Practices, 7th Edition, Chapter 3

PREPARATION:

A hose clamp is a very basic firefighting hose tool and is also a very critical part of extended hose evolutions. Each of you must understand how to use this tool in order to minimize or prevent damage to hose, property, and ensure personnel safety



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HOW TO OPERATE A 2-1/2" HOSE CLAMP

1. Position hose clamp
 - 1a. If supply line - at least 20 feet to the rear of the apparatus
 - b. All lines - not closer than 5 feet from a coupling
 - c. On incoming water side of coupling
 - d. Release away from curb
2. Kneel
3. Open hose clamp
4. Lift hose
5. Position clamp
6. Close clamp
 - 2a. To one side of hose
 - 3a. And hold in either hand
 - 4a. With free hand
 - 5a. So that hose is centered in jaws of clamp
 - 6a. Slowly applying steady pressure
 - b. Assure hose remains centered in jaws
 - 7a. Securely
 - 8a. Stand in safe position -opposite direction of clamp travel
 - 9a. Slowly release pressure
 - b. Avoid water hammer
7. Lock clamp in place
8. Unlock clamp
9. Open hose clamp
10. Remove clamp



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HOW TO OPERATE A 2-½" HOSE CLAMP

APPLICATION:

The student will practice until proficient.

EVALUATION:

A performance examination.

ASSIGNMENT:

To be determined by instructor(s).