



# Fire Protection Training

Procedures Handbook 4300

HOSE APPLIANCES & TOOLS

**TOPIC:** How To Operate A 2 ½" Hose Clamp

**TIME FRAME:** 30 Minutes

**LEVEL OF INSTRUCTION:**

**BEHAVIORAL OBJECTIVE:**

*Condition:* One section of 2-1/2" charged hoseline 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 70% accuracy within one minute

**MATERIALS NEEDED:**

- Stop watch
- Performance examination
- One section of charged 2 ½" hose
- Hose clamp tool

**REFERENCES:**

- IFSTA, Essentials of Fire Fighting, 2nd Edition, Chapter 10
- 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 personnel.



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

### OPERATIONS

### KEY POINTS

1. Position hose clamp
2. Kneel
3. Open hose clamp
4. Lift hose
5. Position clamp
6. Close clamp
7. Lock clamp in place
8. Unlock clamp
9. Open hose clamp
10. Remove clamp

- 1a. If supply line - at least 20 feet to the rear of the apparatus
- b. All lines - not closer than 6 feet from a coupling
- c. On supply side of coupling
- d. Release away from curb
- 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



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HOW TO OPERATE A 2 ½" HOSE CLAMP

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***APPLICATION:***

The student will practice until proficient.

***EVALUATION:***

A performance examination.

***ASSIGNMENT:***

To be determined by instructor(s).

# Performance Examination

	<b><u>POINTS</u></b>
TIME START	
1. Position hose clamp	<u>10</u>
A. If supply line - at least 20 feet to the rear of the apparatus	
B. All lines - not closer than 6 feet to a coupling on supply side of coupling with the release mechanism away from curb	
2. Kneel to one side of the hose	<u>10</u>
3. Open hose clamp and hold in either hand	<u>10</u>
4. Lift hose with free hand	<u>15</u>
5. Position clamp so that hose is centered in jaws of clamp	<u>15</u>
6. Close clamp slowly applying steady pressure and assuring hose remains centered in jaws. Lock clamp in position.	<u>15</u>
7. Unlock and open hose clamp while standing in a safe position (opposite direction of clamp travel)	<u>15</u>
8. Slowly release clamp to avoid water hammer and remove clamp	<u>10</u>

TIME STOP

**ENTER TOTAL TIME:** \_\_\_\_\_:

**POINTS POSSIBLE:** 100

**POINTS DEDUCTED:**

**FINAL SCORE:**

**EVALUATOR'S SIGNATURE:**

**DATE:**

**COMMENTS:**