



# Fire Protection Training

Procedures Handbook 4300

PUMPING

**TOPIC/EQUIPMENT:** SPOT AN ENGINE CLOSE TO A HYDRANT

**CATEGORY:** Performance Examination

**POINTS POSSIBLE:** 100

**TIME ALLOWED:** 2 minutes

**BEHAVIORAL OBJECTIVE:**

*Condition:* A CDF engine, a hydrant, a hydrant wrench and a 20' section of 2 ½" soft suction hose

*Behavior:* The student will: Spot apparatus close to a hydrant

*Standard:* Following steps and procedures, in proper sequence according to the attached score sheet, with a minimum 70% accuracy within 2 minutes

**MATERIALS NEEDED:**

- One (1) CDF Engine
- One (1) Hydrant
- One (1) 20' Length 2 ½" soft suction hose
- One (1) Hydrant wrench

**PROCEDURES:**

The examination will begin when the student either verbally or by conduct performs any step of the examination. The examination will end when the student either verbally or by conduct indicates the examination has been completed. At this time the evaluator will check to see that the engine pressure is properly set and that valves and controls are in the proper position.



# Fire Protection Training

Procedures Handbook 4300

PUMPING

## **SCORING:**

Points will be deducted for each step omitted, performed improperly or performed out of sequence. Lettered procedures may be performed in any sequence within the numbered step without a loss of points. Steps designated by an asterisk (\*) must be performed or the student fails the examination. A score of zero (0) will be given if during the examination the student performs any step or procedure that would jeopardize the safety of personnel or the equipment (i.e., pump engaged before chocks are set, no fire stream produced, etc.).

## **SPECIAL NOTES:**

Before the examination begins the student will be allowed to ask any clarifying questions and inspect the equipment. Once the examination begins the evaluator shall not answer any questions or intercede in any way unless safety violations occur that would injure personnel or damage equipment. The examination will begin when the student, in full structure fire safety clothing, with the door closed and seat belt on, spots the engine at the hydrant and sets the spring brake.

# Score Sheet

SPOT AN ENGINE CLOSE TO A  
HYDRANT

DATE \_\_\_\_ / \_\_\_\_ / \_\_\_\_ TEST # \_\_\_\_ RETEST # \_\_\_\_ UNIT # \_\_\_\_

STUDENT'S NAME \_\_\_\_\_

EVALUATOR'S NAME \_\_\_\_\_

## STEPS AND PROCEDURES

## POINTS

|  |    |
|--|----|
| 1. Drive slowly forward to hydrant   | 10 |
| 2. Turn front wheels at 45 degree angle to the curb  | 10 |
| 3. Park engine aligned with hydrant outlet within reach of the 2 ½" soft suction, and outside path of water flushed from hydrant | 10 |
| 4. Place transmission in neutral   | 10 |
| 5. Set spring brake  | 10 |
| 6. Set main engine idle at 1000 RPM (if required for engine model to be used in test)  | 10 |
| 7. Set chock in accord with CDF policy   | 10 |
| 8. Flush hydrant slowly and fully  | 10 |
| 9. Make connection with 2 ½" soft suction to hydrant and pump suction inlet  | 10 |
| 10. Charge line without creating kinks or leaks at connections   | 10 |

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

POINTS POSSIBLE: 100

POINTS DEDUCTED: \_\_\_\_\_

FINAL SCORE \_\_\_\_\_

COMMENTS:

4314.15.1

**THIS PAGE  
INTENTIONALLY  
LEFT BLANK**