



MANIPULATIVE PERFORMANCE TEST

Procedures Handbook 4300

PUMPING

TOPIC/EQUIPMENT: PUMPING FROM HYDRANT- MODEL 34 OR 35

CATEGORY: Performance Exam

POINTS POSSIBLE: 100 points

TIME ALLOWED: Three (3) minutes and thirty seconds (00:03:30)

BEHAVIORAL OBJECTIVE:

Condition: A CAL FIRE Model 34 or 35 engine, a full tank of water, a predetermined engine pressure of 150 PSI (\pm 20 PSI) and the following items and conditions: Tank to pump valve open, tank fill valve set appropriately, suction inlet valve closed, a pre-connected 100'x1-1/2" or 1-3/4" hoseline, two (2) spanner wrenches, a hydrant wrench and a section of 2-1/2" or 3" soft suction filler hose

Behavior: The student, with assistant, will be dispatched Code 3 (no siren) to an incident at a predetermined location. The student will notify ECC of response and arrival. When the engine arrives, the student will spot the engine at the hydrant, direct an assistant to pull a 1-1/2" or 1-3/4" pre-connected hoseline, and supply an uninterrupted stream of water, at 150 PSI (\pm 20 PSI). The student will change over from using the tank as the water source to using the hydrant as the water source. After completing this evolution the student will then return the apparatus to its original condition.

Standard: Following steps and procedures according to the attached score sheet, with a minimum 80% accuracy within 3 minutes and 30 seconds (00:03:30).

MATERIALS NEEDED:

- One (1) CAL FIRE Model 34 or 35 engine
- One (1) pre-connected 100', 1-1/2" or 1-3/4" hoseline with nozzle and shut off bale
- One (1) 2-1/2" or 3" soft suction intake hose
- One (1) assistant
- One (1) hydrant wrench
- Two (2) spanner wrenches
- Appropriate PPE per CAL FIRE policy for student and assistant
- One (1) stopwatch
- One (1) Performance Exam per student
- Red pens for scoring
- One(1) clipboard

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PROCEDURES:

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

SCORING:

Points are assigned for each step the student performs. The student must perform the steps with no errors to receive the maximum points assigned to that action. Each step has required elements that must be met. For each element missing or performed incorrectly it will be documented and the score will be reflected for the category in which the error occurred. (i.e., an error under "Major Task Error" would equate to the points assigned to "Major Task Error") If any step with a Pass/Fail is not performed or performed incorrectly, it will result in failure of the entire performance test, not just the step.

If there are no 0 actions, the points for each step are added and that is the final score.

Should a student need to retest, any successful retest will achieve a passing score of no more than 80 points.

A score of "zero" will be given, if during the examination, the student performs any step or procedure that would jeopardize the safety of personnel or cause damage to equipment (i.e. relief valve not set, 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.

Score Sheet

PUMPING FROM HYDRANT
MODEL 34 OR 35

DATE ____ / ____ / ____ TEST # ____ RETEST # ____ UNIT # ____

STUDENT'S NAME _____

EVALUATOR'S NAME _____

STEPS AND PROCEDURES

| TIME STARTS | POINTS |
|---|------------------|
| 1. Spot engine at designated hydrant | <u>5</u> |
| 2. Shift transmission to neutral | <u>Pass/Fail</u> |
| 3. Set spring brake- TIME STARTS | <u>Pass/Fail</u> |
| 4. Engage midship pump switch | <u>5</u> |
| 5. Exit engine and set chock blocks in accordance with CAL FIRE policy <ul style="list-style-type: none">• Gloves are to used when chock blocks are set | <u>Pass/Fail</u> |
| 6. Instruct assistant to deploy a pre-connected 1-1/2" or 1-3/4" hoseline | <u>5</u> |
| 7. Switch valve on pump panel to the "PRESSURE" position | <u>5</u> |
| 8. Press "preset" on Pump Boss (preset to 100 PSI engine pressure) | <u>5</u> |
| 9. Confirm assistant is ready for water and loudly state " Water coming! " | <u>5</u> |
| 10. Charge hoseline, slowly | <u>5</u> |
| 11. Increase pressure to 150 PSI (± 20 PSI) | <u>5</u> |

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Score Sheet

PUMPING FROM HYDRANT
MODEL 34 OR 35

26. Close hydrant slowly and completely 5

27. Close the suction inlet valve 5

28. Disconnect filler hose from hydrant and suction inlet 5

Student and assistant will drain, roll and replace all hoses, return the engine to a response ready condition, pick up chock blocks and return the engine to the starting position

EXAM ENDS

ENTER TOTAL TIME: _____

POINTS POSSIBLE: 100

POINTS DEDUCTED: _____

FINAL SCORE _____

COMMENTS:
