



MANIPULATIVE PERFORMANCE TEST

Procedures Handbook 4300

ORIENTATION TO
WATER AND HOSE
USE

TOPIC/EQUIPMENT: PICK UP AND DRAIN WILDLAND HOSE- BUTTERFLY (FIGURE 8) METHOD

CATEGORY: PERFORMANCE EXAMINATION

POINTS POSSIBLE: 100

TIME ALLOWED: 2 MINUTES

BEHAVIORAL OBJECTIVE:

Condition: Given two charged lengths of 1-½” wildland hose connected to an engine

Behavior: The student will disconnect, drain, pick up, carry, move and deposit one (1) length of hose using the butterfly (figure eight) method within ten (10) feet of the engine’s front bumper under simulated fire conditions

Standard: With a minimum 80% accuracy, within two (2) minutes, according to the score sheet

MATERIALS NEEDED:

- One (1) fire engine with operator
- Two (2) 100 foot lengths of 1-½” wildland hose
- One (1) 1-½” nozzle
- Performance examinations
- Individual score sheets
- One (1) stop watch
- One (1) red pen
- One complete set of wildland PPE per student per CAL FIRE policy
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PROCEDURES:

The examination and time will start when the student either verbally or by conduct performs any step of the performance examination.



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SCORING:

Points will be deducted for each step omitted, performed improperly, or performed out of sequence. If the student goes over the allotted time he/she will fail the entire examination. 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 damage equipment.

SPECIAL NOTES:

Before the examination begins the student will be allowed to ask any clarifying questions and inspect the equipment. The student will be wearing full wildland fire fighting personal protective clothing.

Once the examination begins, the exam proctor shall not answer any questions or intercede in any way, unless safety violations occur that would injure personnel or damage equipment.

Examination shall take place in flat topography with stable footing.

Score Sheet

PICK UP AND DRAIN WILDLAND HOSE-
BUTTERFLY (FIGURE 8) METHOD

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

STUDENT'S NAME _____

EVALUATOR'S NAME _____

STEPS AND PROCEDURES

	<u>POINTS</u>
1. Disconnect hose from the engine	<u>5</u>
a. From an engine's discharge	
2. Disconnect one (1) hose length at middle of hose line	<u>10</u>
3. Disconnect the nozzle	<u>5</u>
a. Storing nozzle in waist band or belt	
b. Not dropping or damaging nozzle	
4. Drain water from each length of hose	<u>10</u>
5. Reposition drained hoses on ground	<u>5</u>
6. Take up position at one male coupling	<u>5</u>
7. Pick up the male coupling	<u>5</u>
8. Loop hose over the arm, not arm with hand holding male coupling	<u>5</u>
9. Step forward towards female coupling	<u>5</u>
10. Loop hose over arm that is holding the male coupling	<u>5</u>

4307.60

Score Sheet

PICK UP AND DRAIN WILDLAND HOSE-
BUTTERFLY (FIGURE 8) METHOD

11. Repeat steps 8, 9, 10	<u>5</u>
12. Pick up the female coupling with free hand	<u>5</u>
13. Pull the female coupling through the loop towards the body	<u>5</u>
a. Wrapping the female coupling around the center of the bundle	
14. Connect the couplings	<u>5</u>
a. Creating a "carrying strap"	
15. Pick up and carry the hose bundle over a shoulder	<u>10</u>
a. Walking not running	
b. Nozzle in waist or on belt	
16. Deposit hose bundle and nozzle	<u>10</u>
a. Within ten (10) feet of engine's front bumper	
b. Not throwing the hose bundle or nozzle to the ground	
c. Without nozzle or couplings striking the ground	

TIME STOP

ENTER TOTAL TIME: _____

POINTS POSSIBLE: 100

POINTS DEDUCTED: _____

FINAL SCORE _____

4307.60

COMMENTS:
