



MANIPULATIVE PERFORMANCE TEST

Procedures Handbook 4300

HOW TO USE A BACK
PUMP

TOPIC/EQUIPMENT: Using a Back Pump

CATEGORY: Performance Examination

POINTS POSSIBLE: 100

TIME ALLOWED: Three (3) minutes

BEHAVIORAL OBJECTIVE:

Condition: Given a back pump and a simulated fire line

Behavior: The student will don a full back pump, make a continuous 100' wet line, refill the back pump under simulated fire conditions.

Standard: With a minimum of 80% accuracy within 3 minutes

MATERIALS NEEDED:

- An engine with a back pump
- Back pump refill source
- Performance examinations
- Individual score sheets
- One (1) stop watch
- One (1) clip board
- One (1) red pen
- Appropriate wildland fire safety PPE per CAL FIRE policy

PROCEDURES:

SCORING: Points will be deducted for each step omitted, performed improperly, or performed out of sequence. Steps designated by an asterisk (*) must be performed properly or the student fails the entire examination.

SPECIAL NOTES:

Performance Examination

HOW TO USE A BACK PUMP

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

STUDENT'S NAME _____

EVALUATOR'S NAME _____

TIME START	<u>POINTS</u>
1. Don the backpack that is sitting on the ground using the coat method.	<u>10</u>
2. Place arms through the shoulder straps.	<u>10</u>
3. Lift up and position back pump onto the back safely without losing control.	<u>10</u>
4. Access and remove the trombone keeping the nozzle elevated.	<u>10</u>
5. Test the back pump to ensure it is primed and operable prior to reaching the fire line.	<u>10</u>
6. Approach the burn side of the fire line with the nozzle elevated and begin applying a continuous wet line from an anchor point	<u>10</u>
7. Making a continuous 100' wet line on the simulated fire line, by overlapping succeeding sprays of water. Finger should be placed over the tip to create a 12" wide spray pattern.	<u>15</u>
8. On instructor's command, remove finger from tip and use straight stream to cool a simulated hot spot.	<u>10</u>
9. Return the back pump to the engine and refill the unit at the back pump refill station.	<u>15</u>

TIME STOP

4310.12

Page 1

Performance Examination

POINTS

ENTER TOTAL TIME: _____
POINTS POSSIBLE: 100
POINTS DEDUCTED: _____
FINAL SCORE: _____

EVALUATOR'S SIGNATURE: _____

DATE: _____

COMMENTS:
