

**SANTA CLARA FIRE DEPARTMENT**

**MPT - 503**

**TOPIC:**                   **How to Advance a Line Into a Structure**

**TEST PROCESS:**       The objective is to have the student advance a charged hose with nozzle into a structure. The time will begin on the command "GO." The time will end when the operation is completed.

**EQUIPMENT NEEDED:**   One (1) sufficiently charged hose with nozzle  
One (1) doorway into building  
One (1) set of full protective equipment per student  
One (1) clipboard per rater  
One (1) marking pen per rater  
One (1) stopwatch  
One (1) manipulative performance test directions per rater  
One (1) manipulative performance test directions per student  
One (1) test rating worksheet per rater and per student

**BEHAVIORAL OBJECTIVE:**

**Given:**                   Sufficiently charged hose with nozzle attached, one doorway into building, protective clothing

**Performance:**         The student will advance a charged hoseline into a structure

**Standard:**             Completing all operations within \_\_\_\_\_ according to the job breakdown.

**SCORING CRITERIA FOR EACH OPERATION****GENERAL:**

**Scoring Criteria:** The scoring system involves three scoring operations:

1. **Basic Operations** is given a point value of 1.
2. **Essential Operations** is given a point value of 2.
3. **Critical Operations** or **Safety Violations** are given a point value of 2, are pass/fail, and are marked with an asterisk (\*).

**Minimum Passing Score** is **80%** on each evolution.

Students will be assigned deficiency points for each error or omission made. The student fails the test when a designated number of deficiency points have been assigned, when a critical operation is omitted, or when a **safety violation** occurs.

**Testing Procedure:**

Students will call out items that cannot be observed by the rater(s). Students shall verbally indicate that they are ready to begin the test process. The rater(s) will time the evolution (if applicable) and will score the student.

**SPECIFIC:**

**7** Operations will be evaluated.

**13** Points are possible.

**10** Points within the allotted time are passing. Failure to achieve this score within the allotted time will be cause for rescheduling.

**Evaluator's Criteria: (Do not read aloud)**

Student will receive all or none of the points possible for each key operation. When the student misses or improperly performs an operation, circle the point value listed next to the **Operation** in which the student makes the error. The total deficiency points will be subtracted from the total points possible to determine the final score. Automatic failure can result from the student not completing a **Critical Operation**, or by committing a **Safety Violation**; this will cause immediate termination of that particular test evolution. Exceeding an applicable time allotment for any evolution will also result in automatic failure.

**MANIPULATIVE PERFORMANCE TEST****How to Advance a Line Into a Structure****STUDENT:** \_\_\_\_\_**DATE:** \_\_\_\_\_

<b>OPERATIONS</b>		<b>KEY POINTS</b>	
<u>  1  </u>	1. Take positions	1	a. All fire fighters on same side of hose
<u>  2  </u>	2. Advance hose to doorway	2	a. Do not enter building
<u>  *2  </u>	3. Set nozzle	3	a. Narrow pattern for direct attack b. Bleeding all air out of hoseline
<u>  *2  </u>	4. Mask up	4	a. Per normal procedures b. Perform safety check of whole crew
<u>  *2  </u>	5. Feel door	5	a. Using back of hand with glove off b. Keeping low and to side of doorway c. Same side as hinges
<u>  *2  </u>	6. Open door	6	a. Staying low b. Control door with shoulder c. Close if conditions warrant
<u>  2  </u>	7. Enter building	7	a. Staying low b. Do not block doorway c. Chock doorway open

**MANIPULATIVE PERFORMANCE TEST**

How to Advance a Line Into a Structure

DATE: \_\_\_\_\_

OFFICER: \_\_\_\_\_

DRIVER/ENGINEER: \_\_\_\_\_

FIREFIGHTER: \_\_\_\_\_

Comments:

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	Officer	Driver/Engineer	Firefighter
TOTAL POSSIBLE POINTS:	_____	_____	<u>13</u>
DEFICIENCY POINTS:	(____)	(____)	(____)
STUDENT'S FINAL SCORE:	_____	_____	_____
PASSING SCORE (80%):	_____	_____	<u>10</u>
PERFORMANCE TIME:	_____		
MAXIMUM ALLOTTED TIME:	_____		
<b>PASS:</b>	_____		
<b>FAIL:</b>	_____		

Reason For Disqualification (if applicable):

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EVALUATOR'S SIGNATURE(S):

\_\_\_\_\_ Date

\_\_\_\_\_ Date

**SANTA CLARA FIRE DEPARTMENT**

**MPT - 535**

**TOPIC:**                   **How to Pull and Charge the Live Line (Two Pulls)**

**TEST PROCESS:**           The objective is to have the student pull (from either side of the engine) the live line to the scene and charge same, in a safe manner. Student is given a triple combination pumper, equipped with cross lay compartment, loaded with 200' of pre-connected 1¾" hose (flat load). The time will begin on the command "GO." The time will end when the operation is completed.

**EQUIPMENT NEEDED:**   One (1) Santa Clara pumper loaded with 200' of 1¾" hose (flat load) pre-connected  
One (1) set of full protective equipment per student  
One (1) clipboard per rater  
One (1) marking pen per rater  
One (1) stopwatch  
One (1) manipulative performance test directions per rater  
One (1) manipulative performance test directions per student  
One (1) test rating worksheet per rater and per student

**BEHAVIORAL OBJECTIVE:**

**Given:**                   One (1) Santa Clara pumper load with 200' of 1¾" hose (flat load) pre-connected, protective clothing.

**Performance:**           The objective is to have the student pull (From either side of the engine) the live line to the scene and charge same, in a safe manner.

**Standard:**               Completing all operations within \_\_\_\_\_ according to the job breakdown.

**SCORING CRITERIA FOR EACH OPERATION**

**GENERAL:**

**Scoring Criteria:** The scoring system involves three scoring operations:

1. **Basic Operations** is given a point value of 1.
2. **Essential Operations** is given a point value of 2.
3. **Critical Operations** or **Safety Violations** are given a point value of 2, are pass/fail, and are marked with an asterisk (\*).

**Minimum Passing Score** is **80%** on each evolution.

Students will be assigned deficiency points for each error or omission made. The student fails the test when a designated number of deficiency points have been assigned, when a critical operation is omitted, or when a **safety violation** occurs.

**Testing Procedure:**

Students will call out items that cannot be observed by the rater(s). Students shall verbally indicate that they are ready to begin the test process. The rater(s) will time the evolution (if applicable) and will score the student.

**SPECIFIC:**

**12** Operations will be evaluated.

**29** Points are possible.

**23** Points within the allotted time are passing. Failure to achieve this score within the allotted time will be cause for rescheduling.

**Evaluator's Criteria: (Do not read aloud)**

Student will receive all or none of the points possible for each key operation. When the student misses or improperly performs an operation, circle the point value listed next to the **Operation** in which the student makes the error. The total deficiency points will be subtracted from the total points possible to determine the final score. Automatic failure can result from the student not completing a **Critical Operation**, or by committing a **Safety Violation**; this will cause immediate termination of that particular test evolution. Exceeding an applicable time allotment for any evolution will also result in automatic failure.

# MANIPULATIVE PERFORMANCE TEST

How to Pull and Charge  
the Live Line (Two Pulls)

STUDENT: \_\_\_\_\_

DATE: \_\_\_\_\_

OPERATIONS	KEY POINTS
1. D/E spots apparatus a. O/ <u>  2  </u> D/ <u>  2  </u> F/ <u>  0  </u>	1 Engine spotted in safe place appropriate for situation
2. Captain gives report a. O/ <u>  2  </u> D/ <u>  0  </u> F/ <u>  0  </u>	2 Clear and concise
3. Captain does size up of structure a. O/ <u>  2  </u> D/ <u>  0  </u> F/ <u>  0  </u>	3 Three sides at least
4. Captain gives order to FF and D/E to put the live line into operation a. O/ <u>  1  </u> D/ <u>  1  </u> F/ <u>  1  </u>	4
5. Grasp nozzle and top loop a. O/ <u>  0  </u> D/ <u>  0  </u> F/ <u>  1  </u>	5 a. Fire side of engine
6. Pull hose until loop clears the bed a. O/ <u>  0  </u> D/ <u>  0  </u> F/ <u>  2  </u>	6 a. In safe manner, watching for traffic

# MANIPULATIVE PERFORMANCE TEST

## How to Pull and Charge the Live Line (Two Pulls)

7. Lay hose and nozzle down a. O/ <u>  0  </u> D/ <u>  0  </u> F/ <u>  *2  </u>	7	a. <u>Nozzle</u> in <u>OFF</u> position
8. Tailboard returns to apparatus and grabs bottom loop a. O/ <u>  0  </u> D/ <u>  0  </u> F/ <u>  *2  </u>	8	a. Bottom loop <u>ONLY</u>
9. Pull until all hose clears the bed a. O/ <u>  0  </u> D/ <u>  0  </u> F/ <u>  2  </u>		
10. Pick up nozzle and first loop and proceed to the fire a. O/ <u>  0  </u> D/ <u>  0  </u> F/ <u>  1  </u>	10	a. Safe manner, watch for holes, clotheslines, night, etc.
11. Signal to charge line a. O/ <u>  0  </u> D/ <u>  1  </u> F/ <u>  1  </u>	11	a. Make sure D/E can see you b. Make sure D/E returns signal
12. Firefighter returns to nozzle a. O/ <u>  0  </u> D/ <u>  0  </u> F/ <u>  2  </u>	12	a. Prepare for fire attack
11. D/E Put engine in pump a. O/ <u>  0  </u> D/ <u>  *2  </u> F/ <u>  0  </u>	11	a. As outlined in Operator's Manual

## **MANIPULATIVE PERFORMANCE TEST**

How to Pull and Charge  
the Live Line (Two Pulls)

12. D/E charge line and pump to  
fire

a. O/   0  

D/   \*2  

F/   0  

12. a. Clear line from bed, if necessary  
b. Wait for signal to charge line  
c. Return signal  
d. Open gate slowly  
e. Set discharge pressure  
f. Set pressure relief device

**MANIPULATIVE PERFORMANCE TEST**

How to Pull and Charge  
the Live Line (Two Pulls)

DATE: \_\_\_\_\_

OFFICER: \_\_\_\_\_

DRIVER/ENGINEER: \_\_\_\_\_

FIREFIGHTER: \_\_\_\_\_

Comments:

\_\_\_\_\_  
\_\_\_\_\_

	Officer	Driver/Engineer	Firefighter
TOTAL POSSIBLE POINTS:	<u>7</u>	<u>8</u>	<u>14</u>
DEFICIENCY POINTS:	(____)	(____)	(____)
STUDENT'S FINAL SCORE:	_____	_____	_____
PASSING SCORE (80%):	<u>6</u>	<u>6</u>	<u>11</u>
PERFORMANCE TIME:	_____		
MAXIMUM ALLOTTED TIME:	_____		
<b>PASS:</b>	_____		
<b>FAIL:</b>	_____		

Reason For Disqualification (if applicable):

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

EVALUATOR'S SIGNATURE(S):

\_\_\_\_\_ Date

\_\_\_\_\_ Date