

SANTA CLARA FIRE DEPARTMENT

MPT - 601

TOPIC: **How to Adjust A Ladder's Climbing Angle, One Person**

TEST PROCESS: The objective is to have the student adjust the climbing angle of a ground ladder. Begin on the command "GO." The time will end when the operation is completed.

EQUIPMENT NEEDED: One (1) ladder (straight or extension)
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: A straight ladder or extension ladder, protective clothing

Performance: The student will properly and safely raise an extension/A-frame combination ladder

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.

12 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

Adjust a Ladder's Climbing Angle, 1 Person

STUDENT: _____

DATE: _____

OPERATIONS		KEY POINTS	
<u>1</u>	1. Position ladder	1	a. Extended to desired height and location
<u>1</u>	2. Stands facing beam	2	a. Either side of ladder b. Next to ladder
<u>2</u>	3. Grasp rung	3	a. At shoulder height b. From top side of ladder c. Hand closest to tip
<u>2</u>	4. Grasp rung	4	a. Knee high b. From top side of ladder c. Hand closest to base
<u>2</u>	5. Lift base	5	a. Up b. In or out motion c. Tip stays on building d. Using leg muscles to lift, back straight e. Single motion to proper angle f. Keep an eye on the tip
<u>2</u>	6. Position ladder	6	a. Lower ladder to ground b. Using leg muscles to lower, back straight c. Single motion

MANIPULATIVE PERFORMANCE TEST

Adjust a Ladder's Climbing Angle, 1 Person

STUDENT: _____

DATE: _____

OPERATIONS

KEY POINTS

<p><u>2</u> 7. Position self</p>	<p>7 a. Stand erect, toes to the front and in contact with beams</p> <p>b. Arms outstretched, elbows in locked position</p> <p>c. Arms at a 90° angle to the body</p> <p>d. Hands should touch rung at shoulder height for proper angle</p>
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MANIPULATIVE PERFORMANCE TEST

Adjust a Ladder's Climbing Angle, 1 Person

DATE: _____

OFFICER: _____

DRIVER/ENGINEER: _____

FIREFIGHTER: _____

Comments:

	Officer	Driver/Engineer	Firefighter
TOTAL POSSIBLE POINTS:	<u>12</u>	_____	_____
DEFICIENCY POINTS:	(____)	(____)	(____)
STUDENT'S FINAL SCORE:	_____	_____	_____
PASSING SCORE (80%):	<u>10</u>	_____	_____
PERFORMANCE TIME:	_____		
MAXIMUM ALLOTTED TIME:	_____		
PASS:	_____		
FAIL:	_____		

Reason For Disqualification (if applicable):

EVALUATOR'S SIGNATURE(S):

_____ Date

_____ Date

SANTA CLARA FIRE DEPARTMENT

MPT - 603

TOPIC: **How to Raise and Carry a Ladder, One Person, High Shoulder Method**

TEST PROCESS: The objective is to have the student carry a ladder using the high shoulder method. The time will begin on the command “GO.” The time will end when the operation is completed.

EQUIPMENT NEEDED: One (1) ladder (straight or 24-foot extension)
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: A straight ladder or 24-foot extension ladder, protective clothing

Performance: The student will properly and safely carry a ladder using the high shoulder method

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:

8 Operations will be evaluated.

10 Points are possible.

8 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 Raise and Carry a Ladder,
One Person, High Shoulder Method

STUDENT: _____

DATE: _____

OPERATIONS		KEY POINTS	
<u>1</u>	1. Take position next to ladder on ground	1	a. Facing opposite direction of travel b. At balance point of ladder c. Crouching d. Inside hand on top beam
<u>1</u>	2. Turn ladder on beam	2	a. From flat position b. Away from body c. Move over next to ladder
<u>1</u>	3. Shuffle towards tip	3	a. Keeping inside hand on beam
<u>1</u>	4. Grasp top beam	4	a. Near the tip of ladder
<u>2*</u>	5. Lift tip of ladder from ground	5	a. Pivot 180° (toward base) b. Placing outside hand beneath bottom beam c. Set shoulder level
<u>1</u>	6. Shuffle towards balance point	6	a. Keeping both hands on beams b. Dip at the knees
<u>*2</u>	7. Lift ladder to shoulder	7	a. Ladder supported in hands, not on shoulder b. Using legs not back c. Keep the butt end slightly lower than tip unless turning

MANIPULATIVE PERFORMANCE TEST

How to Raise and Carry a Ladder,
One Person, High Shoulder Method

|

STUDENT: _____

DATE: _____

OPERATIONS

1 8. Walk

| 8

KEY POINTS

- a. Carrying ladder to desired location
- b. Watching for hazards and personnel

MANIPULATIVE PERFORMANCE TEST

How to Raise and Carry a Ladder,
One Person, High Shoulder Method

DATE: _____

OFFICER: _____

DRIVER/ENGINEER: _____

FIREFIGHTER: _____

Comments:

	Officer	Driver/Engineer	Firefighter
TOTAL POSSIBLE POINTS:	<u>11</u>	_____	<u>12</u>
DEFICIENCY POINTS:	(____)	(____)	(____)
STUDENT'S FINAL SCORE:	_____	_____	_____
PASSING SCORE (80%):	_____	_____	<u>10</u>
PERFORMANCE TIME:	_____		
MAXIMUM ALLOTTED TIME:	_____		
PASS:	_____		
FAIL:	_____		

Reason For Disqualification (if applicable):

EVALUATOR'S SIGNATURE(S):

_____ Date

_____ Date

SANTA CLARA FIRE DEPARTMENT

MPT - 606

TOPIC: **How to Climb a Ladder**

TEST PROCESS: The objective is to have the student climb an extension ladder. Begin on the command "GO." The time will end when the operation is completed.

EQUIPMENT NEEDED: One (1) extension ladder
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: A ladder and protective clothing

Performance: The student will climb an extension ladder

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.

12 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.

STUDENT: _____

DATE: _____

OPERATIONS		KEY POINTS	
<u> *2 </u>	1. Firefighter positions self	1	a. Facing ladder
<u> 1 </u>	2. Grasp rung	2	a. Ball of foot on lowest rung b. Off center
<u> 1 </u>	3. Fire fighter initiate climbing	3	a. With hand opposite side of body from foot on rung b. Shoulder high c. Arm straight d. Palm down e. Leaning slightly forward f. Looking up to next rung
<u> 2 </u>	4. Fire fighter climb to next rung	4	a. "Ground" foot to the next rung b. Free hand to rung above griped hand c. One motion d. <u>Opposite hand and foot</u> e. In unison f. Smooth, rhythmic g. Use legs h. Arms straight

MANIPULATIVE PERFORMANCE TEST

How to Climb a Ladder

STUDENT: _____

DATE: _____

OPERATIONS		KEY POINTS	
<u>2</u>	5. Repeat Operation 4 to top of bed section		
<u>2</u>	6. Inspect lock (pawls)	6	a. Engaged properly
<u>2</u>	7. Continue climbing	7	a. To desired height b. Using proper techniques

MANIPULATIVE PERFORMANCE TEST

How to Climb a Ladder

DATE: _____

OFFICER: _____

DRIVER/ENGINEER: _____

FIREFIGHTER: _____

Comments:

	Officer	Driver/Engineer	Firefighter
TOTAL POSSIBLE POINTS:	<u>12</u>	_____	_____
DEFICIENCY POINTS:	(____)	(____)	(____)
STUDENT'S FINAL SCORE:	_____	_____	_____
PASSING SCORE (80%):	<u>10</u>	_____	_____
PERFORMANCE TIME:	_____		
MAXIMUM ALLOTTED TIME:	_____		
PASS:	_____		
FAIL:	_____		

Reason For Disqualification (if applicable):

EVALUATOR'S SIGNATURE(S):

Date

Date

SANTA CLARA FIRE DEPARTMENT

MPT - 608

TOPIC: **How to Extend an Extension Ladder, Beam Raise, One Person**

TEST PROCESS: The objective is to have the student extend an extension ladder. Begin on the command "GO." The time will end when the operation is completed.

EQUIPMENT NEEDED: One (1) extension ladder (24' to 28')
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: An extension ladder (24' to 18'), protective clothing

Performance: The student will extend the ladder

Standard: Completing all operations within _____ according to the job breakdown.

MANIPULATIVE PERFORMANCE TEST

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:

13 Operations will be evaluated.

24 Points are possible.

19 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 Extend an Extension Ladder
Beam Raise, One Person

STUDENT: _____

DATE: _____

OPERATIONS		KEY POINTS	
<u>2</u>	1. Spot ladder	1	a. At objective b. 2-3 Feet plus overhang away
<u>1</u>	2. Lower butt	2	a. To ground b. Fly section toward bldg
<u>2</u>	3. Raise ladder to vertical	3	a. From the spot point b. Shuffle hands along beams
<u>1</u>	4. Steady ladder	4	a. Either foot b. Side of beam c. Knee against beam d. Leg against beam e. Forearms against beams
<u>2</u>	5. Grasp halyard	5	a. Thumbs up or down
<u>2</u>	6. Pull halyard down	6	a. Hand over hand b. Smoothly c. Slight angle forward

MANIPULATIVE PERFORMANCE TEST

How to Extend an Extension Ladder
Beam Raise, One Person

STUDENT: _____

DATE: _____

OPERATIONS

KEY POINTS

<u>*2</u>	7.	Control ladder	7	a.	With halyard and elbows
				b.	If ladder starts to fall, push against the wall.
<u>*2</u>	8	Lock dogs at desired height.	8	a.	Raise dogs above rung slightly
				b.	Lower until dogs catch on rung
<u>2</u>	9.	Check dogs	9	a.	By sight
				b.	By sound
<u>2</u>	10.	Adjust climbing angle to 75 degrees.	10	a.	Determine proper distance from the building.
				b.	Rule: $\frac{1}{4}$ working height of ladder.
<u>2</u>	11	Lift/pull out ladder base	11	a.	Tip against wall
				b.	Smoothly
<u>2</u>	12	Confirm safe and proper climbing angle	12	a.	Toes at bottom of ladder to side of rail.
				b.	Stand erect
				c.	Extend arms straight out.
				d.	Palms of hands should touch top of rung at shoulder level.

MANIPULATIVE PERFORMANCE TEST

How to Extend an Extension Ladder
Beam Raise, One Person

STUDENT: _____

DATE: _____

OPERATIONS

KEY POINTS

2* 13. Assure ladder is properly footed.

- 13
- a. Fire fighter stands between ladder and building
 - b. Wear proper safety gear
 - c. Both hands on beams
 - d. Feet shoulder width apart one in front of the other
 - e. Weight toward building holding ladder in place
 - f. Don't look up while ladder is being climbed.

DATE: _____

MANIPULATIVE PERFORMANCE TEST

OFFICER: _____

DRIVER/ENGINEER: _____

FIREFIGHTER: _____

Comments:

	Officer	Driver/Engineer	Firefighter
TOTAL POSSIBLE POINTS:	_____	_____	<u>24</u>
DEFICIENCY POINTS:	(____)	(____)	(____)
STUDENT'S FINAL SCORE:	_____	_____	_____
PASSING SCORE (80%):	_____	_____	<u>19</u>
PERFORMANCE TIME:	_____		
MAXIMUM ALLOTTED TIME:	_____		
PASS:	_____		
FAIL:	_____		

Reason For Disqualification (if applicable):

EVALUATOR'S SIGNATURE(S):

_____ Date

_____ Date

SANTA CLARA FIRE DEPARTMENT

MPT - 609

TOPIC: **How to Heel/Foot a Ladder**

TEST PROCESS: The objective is to have the student heel/foot a ladder. Begin on the command "GO." The time will end when the operation is completed.

EQUIPMENT NEEDED: One (1) ladder
One (1) set of full protective equipment per student
One (1) clipboard per rater
One (1) marking pen per rater
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: A ladder, protective clothing

Performance: The student will heel/foot a ladder

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:

6 Operations will be evaluated.

11 Points are possible.

9 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 Heel/Foot A Ladder

STUDENT: _____

DATE: _____

OPERATIONS		KEY POINTS	
<u>1</u>	1. Fire fighter position	1	a. Between ladder and building
<u>*2</u>	2. Face ladder	2	a. Feet slightly wider than shoulder width b. Face shield down
<u>*2</u>	3. Look ahead or slightly down	3	a. Not up
<u>*2</u>	4. Grasp beams	4	a. Not rungs b. Arms straight c. Shoulder height d. Outside of beams e. About eye level
<u>*2</u>	5. Lean back	5	a. Toward wall
<u>2</u>	6. Create tension on ladder	6	a. Gently b. To prevent slippage

MANIPULATIVE PERFORMANCE TEST

How to Heel/Foot A Ladder

DATE: _____

OFFICER: _____

DRIVER/ENGINEER: _____

FIREFIGHTER: _____

Comments:

	Officer	Driver/Engineer	Firefighter
TOTAL POSSIBLE POINTS:	<u>11</u>	_____	_____
DEFICIENCY POINTS:	(____)	(____)	(____)
STUDENT'S FINAL SCORE:	_____	_____	_____
PASSING SCORE (80%):	<u>9</u>	_____	_____
PERFORMANCE TIME:	_____		
MAXIMUM ALLOTTED TIME:	_____		
PASS:	_____		
FAIL:	_____		

Reason For Disqualification (if applicable):

EVALUATOR'S SIGNATURE(S):

_____ Date

_____ Date

SANTA CLARA FIRE DEPARTMENT

MPT - 612

TOPIC: **How to Pivot A Free Standing Ladder, One Person**

TEST PROCESS: The objective is to have the student pivot a free standing ladder. The time will begin on the command "GO." The time will end when the operation is completed.

EQUIPMENT NEEDED: One (1) ladder (extension)
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: An extension ladder, protective clothing

Performance: The student will properly and safely raise an extension ladder.

Standard: Completing all operations within _____ according to the job breakdown.

MANIPULATIVE PERFORMANCE TEST

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:

11 Operations will be evaluated.

22 Points are possible.

19 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 Pivot a Free Standing
Ladder, 1 Person

STUDENT: _____

DATE: _____

OPERATIONS		KEY POINTS	
<u>2</u>	1. Position ladder	1	a. Vertical
<u>2</u>	2. Position hands	2	a. Firmly on beams b. Shoulder high c. Elbows slightly bent d. Body square and parallel to rungs e. Feet shoulder distance apart f. Feet away from ladder
<u>2</u>	3. Anchor beam to be used as pivot point		
<u>2</u>	4. Place foot alongside outer edge of butt (heel of ladder)	4	a. Alongside anchor beam
<u>2</u>	5. Carefully pull ladder toward chest	5	a. Maintaining control of ladder
<u>2</u>	6. Slightly elevate opposite beam		
<u>*2</u>	7. Pivot ladder	7	a. With arms, NOT foot shuffle

MANIPULATIVE PERFORMANCE TEST

How to Pivot a Free Standing
Ladder, 1 Person

STUDENT: _____

DATE: _____

OPERATIONS		KEY POINTS	
<u>2</u>	8. Maintain grasp on non-pivoting beam	8.	a. Securely
<u>2</u>	9. Ground non-pivoting beam	9	a. When in proper position
<u>2</u>	10. Lower ladder into position	10	a. From outboard side of ladder away from wall
<u>2</u>	11. Ensure current positioning of ladder	11	a. Ladder tip immediately below window sill b. Ladder tip full extension if to roof c. Upper fly (flies) outboard away from wall

MANIPULATIVE PERFORMANCE TEST

DATE: _____

OFFICER: _____

DRIVER/ENGINEER: _____

FIREFIGHTER: _____

Comments:

	Officer	Driver/Engineer	Firefighter
TOTAL POSSIBLE POINTS:	_____	_____	<u>22</u>
DEFICIENCY POINTS:	(____)	(____)	(____)
STUDENT'S FINAL SCORE:	_____	_____	_____
PASSING SCORE (80%):	_____	_____	<u>19</u>
PERFORMANCE TIME:	_____		
MAXIMUM ALLOTTED TIME:	_____		
PASS:	_____		
FAIL:	_____		

Reason For Disqualification (if applicable):

EVALUATOR'S SIGNATURE(S):

_____ Date

_____ Date

SANTA CLARA FIRE DEPARTMENT

MPT - 618

TOPIC: **How to Safely Lift and Lower a Ladder, One-Person,
Flat on Ground**

TEST PROCESS: The objective is to have the student safely lift and lower a ladder from flat on the ground. The time will begin on the command "GO." The time will end when the operation is completed.

EQUIPMENT NEEDED: One (1) ladder
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: A ladder, protective clothing

Performance: The student will properly and safely lift and lower a ladder from flat on the ground

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:

8 Operations will be evaluated.

7 Points are possible.

6 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

Lift & Lower a Ladder
One-Person, Flat on Ground

STUDENT: _____

DATE: _____

OPERATIONS		KEY POINTS	
<u>1</u>	1. Position ladder	1	a. Flat on ground
<u>1</u>	2. Position fire fighter	2	a. Facing opposite direction of travel b. Crouched, outside foot forward c. Back straight
<u>1</u>	3. Grasp beam	3	a. Nearest beam b. With inside hand
<u>1</u>	4. Lift ladder on beam	4	a. Reposition next to ladder b. Back straight
<u>*2</u>	5. Lift ladder	5	a. Using leg muscles b. Back straight
<u>1</u>	6. Pivot 180°	6	a. Placing non-working hand between rungs b. Grasping lower beam
<u>1</u>	7. Lower ladder to ground	7	a. Reversing procedure of lifting (step 3) b. Both and toes parallel to ladder

MANIPULATIVE PERFORMANCE TEST

Lift & Lower a Ladder
One-Person, Flat on Ground

DATE: _____

OFFICER: _____

DRIVER/ENGINEER: _____

FIREFIGHTER: _____

Comments:

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

Reason For Disqualification (if applicable):

EVALUATOR'S SIGNATURE(S):

_____ Date

_____ Date

SANTA CLARA FIRE DEPARTMENT

MPT - 619

TOPIC: **How To Tie A Ladder Halyard**

TEST PROCESS: The objective is to have the student tie a ladder halyard. The time will begin on the command “GO.” The time will end when the operation is completed.

EQUIPMENT NEEDED: One (1) raised extension ladder with sufficient halyard for tying
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: An ladder, protective clothing

Performance: The student will heel/foot a ladder and properly tie off the halyard.

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:

10 Operations will be evaluated.

17 Points are possible.

14 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 Tie a Ladder Halyard

STUDENT: _____

DATE: _____

OPERATIONS		KEY POINTS	
<u>1</u>	1. Firefighter	1	a. Between ladder and building b. Facing rungs
<u>2</u>	2. Grasp halyard	2	a. Between rungs
<u>2</u>	3. Pull halyard	3	a. Through rungs b. Until standing line is taut c. To firefighter side of ladder
<u>1</u>	4. Form open bight	4	a. Keeping standing line taut
<u>2</u>	5. Pass bight around 2 –3 rungs	5	a. To take up excess halyard b. Leaving 2 – 3 feet working bight
<u>2</u>	6. Pass bight over rung	6	a. Working hand b. From wall to outside direction c. Working hand side of standing halyard

MANIPULATIVE PERFORMANCE TEST

How to Tie a Ladder Halyard

STUDENT: _____

DATE: _____

OPERATIONS		KEY POINTS	
<u> 2 </u>	7. Pass bight under rung	7	a. Passing to non-working hand b. Outside to wall direction c. Non-working hand side of standing halyard
<u> 2 </u>	8. Tighten wraps	8	a. Non-working hand
<u> 2 </u>	9. Tie knot	9	a. On rung at top of wraps b. With clove hitch
<u> 1 </u>	10. Finish tie by making half hitch safety on top of clove hitch.		

MANIPULATIVE PERFORMANCE TEST

How to Tie a Ladder Halyard

DATE: _____

OFFICER: _____

DRIVER/ENGINEER: _____

FIREFIGHTER: _____

Comments:

	Officer	Driver/Engineer	Firefighter
TOTAL POSSIBLE POINTS:	_____	_____	_____ <u>17</u> _____
DEFICIENCY POINTS:	(____)	(____)	(____)
STUDENT'S FINAL SCORE:	_____	_____	_____
PASSING SCORE (80%):	_____	_____	_____ <u>14</u> _____
PERFORMANCE TIME:	_____		
MAXIMUM ALLOTTED TIME:	_____		
PASS:	_____		
FAIL:	_____		

Reason For Disqualification (if applicable):

EVALUATOR'S SIGNATURE(S):

_____ Date

_____ Date

SANTA CLARA FIRE DEPARTMENT

MPT - 621

TOPIC: **How to Work On a Ladder, Leg Lock Method**

TEST PROCESS: The objective is to have the student work on a ladder using leg lock method. Begin on the command “GO.” The time will end when the operation is completed.

EQUIPMENT NEEDED: One (1) extension ladder
One (1) set of full protective equipment per student
One (1) clipboard per rater
One (1) marking pen per rater
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: An extension ladder, protective clothing

Performance: The student will work on a ladder using the leg lock method

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:

9 Operations will be evaluated.

18 Points are possible.

14 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 Work on a Ladder, Leg Lock Method

STUDENT: _____

DATE: _____

OPERATIONS		KEY POINTS	
<u> 2 </u>	1. Position ladder	1	a. Against wall or building
<u> 2 </u>	2. Extend ladder and position	2	a. To desired objective b. Proper climbing angle c. Ladder footed or secured
<u> 2 </u>	3. Climb ladder	3	a. To desired height
<u> 2 </u>	4. Stand on any rung	4	a. Hands grasping convenient rung b. Shoulder high c. Overhand grip
<u> 2 </u>	5. Insert either leg	5	a. Between the second and third rungs above where feet are located b. Opposite of side where work is to be performed
<u> 2 </u>	6. Lock foot on ladder	6	a. Turning foot sharply back between rungs b. Put foot of locking leg over next lower rung

MANIPULATIVE PERFORMANCE TEST

How to Work on a Ladder, Leg Lock Method

STUDENT: _____

DATE: _____

OPERATIONS		KEY POINTS	
<u>2</u>	7. Assumes position of comfort	7	a. May step down with unlocked leg one rung to improve comfort b. Placing unlocked foot against beam
<u>2</u>	8. Lean back	8	a. Releasing grip and placing both hands clasped behind back
<u>2</u>	9. Lean to either side	9	a. To both sides b. On the side of both beams

MANIPULATIVE PERFORMANCE TEST

How to Work on a Ladder, Leg Lock Method

DATE: _____

OFFICER: _____

DRIVER/ENGINEER: _____

FIREFIGHTER: _____

Comments:

	Officer	Driver/Engineer	Firefighter
TOTAL POSSIBLE POINTS:	_____	_____	_____ 18 _____
DEFICIENCY POINTS:	(____)	(____)	(____)
STUDENT'S FINAL SCORE:	_____	_____	_____
PASSING SCORE (80%):	_____	_____	_____ 14 _____
PERFORMANCE TIME:	_____		
MAXIMUM ALLOTTED TIME:	_____		
PASS:	_____		
FAIL:	_____		

Reason For Disqualification (if applicable):

EVALUATOR'S SIGNATURE(S):

_____ Date

_____ Date