



**ARAB FIRE SAFETY AND SECURITY ACADEMY (AFSSAC)  
RESCUE TECHNICIAN: ROPE  
PERFORMANCE STANDARDS  
NFPA 1006, 2013 Edition**

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# **SKILL SHEET PACKAGE**

Based on NFPA 1006: Standard for  
Rescue Technician: Rope Professional Qualifications, 2013 Edition

November 2016



**ARAB FIRE SAFETY AND SECURITY ACADEMY (AFSSAC)**  
**RESCUE TECHNICIAN: ROPE**  
**PERFORMANCE STANDARDS**  
**NFPA 1006, 2013 Edition**

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**Performance Test # 1**  
**Direct Simple Rope Mechanical Advantage System**

**PERFORMANCE STANDARD**

1. The candidate shall be able to determine incident needs as related to choosing anchor systems, select effective knots, determine expected loads, evaluate incident operations as related to interference concerns and set-up, choose anchor points, perform a system safety check, and evaluate system components for compromised integrity.
2. The trainee will not be allowed to review the performance steps at the time of testing
3. Prevent or prohibit any unsafe acts.
4. Remember you are evaluator, not an instructor.

**[NFPA 1006, Standard for Rescue Technician Qualification, 2013 edition]**

**[Moby's Confined Space and Structural Rope Rescue.]**

**INSTRUCTIONS**

1. Direct a team in the operation of a simple rope mechanical advantage system in a high-angle raising operation, so that the movement is controlled, a reset is accomplished, the load can be held in place when needed, operating methods do not stress the system to the point of failure, commands are used to direct the operation, and potential problems are identified, communicated, and managed.
2. The skill will end when you state or indicate to the evaluator that you have completed all the identified steps.
3. Contact the evaluator at any time for clarification of these instructions.

**EXAMINER NOTE**

Direct a team in the operation of a simple rope mechanical advantage system in a high-angle raising operation, so that the movement is controlled, a reset is accomplished, the load can be held in place when needed, operating methods do not stress the system to the point of failure, commands are used to direct the operation, and potential problems are identified, communicated, and managed.

**PREPARATION & EQUIPMENT**

1. Appropriate personnel protective equipment
2. auxiliary rope rescue equipment
3. SOP/SOG's
4. Scene barrier tape



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**Candidate:** \_\_\_\_\_ **Notes:** \_\_\_\_\_

**Training Provider:** \_\_\_\_\_

**Test Site:** \_\_\_\_\_

**Examiner:** \_\_\_\_\_

NFPA 6.1.1				
Performance Test # 1	<u>TEST</u>		<u>RETEST</u>	
Given rescue personnel, an established rope rescue system incorporating a simple rope mechanical advantage system, a specified minimum travel distance for the load, a load to be moved, and an anchor system, the candidate shall demonstrate the ability to:	PASS	FAIL	PASS	FAIL
1. Select appropriate equipment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Lay out rope or webbing correctly for anchor	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Join ends of rope or webbing with correct knot or bend	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Place all carabiners gate up and locked	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Focus anchor in proper direction (direction given by evaluator)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Prepare anchor for use by taking all slack and excessive twists from rope or webbing, re-checking all hardware and knots	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Construct a basic mechanical advantage system	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Direct personnel using operational commands	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Perform safety check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Identify safety concerns	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



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**Performance Test # 2**  
**Direct High Angle Lowering Operation**

**PERFORMANCE STANDARD**

1. The candidate shall be able to determine incident needs as related to choosing anchor systems, select effective knots, determine expected loads, evaluate incident operations as related to interference concerns and set-up, choose anchor points, choose a lowering device, perform a system safety check, and evaluate system components for compromised integrity
2. The trainee will not be allowed to review the performance steps at the time of testing
3. Prevent or prohibit any unsafe acts.
4. Remember you are evaluator, not an instructor.

**[NFPA 1006, Standard for Rescue Technician Qualification, 2013 edition]**

**[Moby's Confined Space and Structural Rope Rescue.]**

**INSTRUCTIONS**

1. Direct a lowering operation in a high-angle environment, so that the movement is controlled, the load can be held in place when needed, operating methods do not stress the system to the point of failure, rope commands are used to direct the operation, and potential problems are identified, communicated, and managed.
2. The skill will end when you state or indicate to the evaluator that you have completed all the identified steps.
3. Contact the evaluator at any time for clarification of these instructions.

**EXAMINER NOTE**

Direct a lowering operation in a high-angle environment, so that the movement is controlled, the load can be held in place when needed, operating methods do not stress the system to the point of failure, rope commands are used to direct the operation, and potential problems are identified, communicated, and managed.

**PREPARATION & EQUIPMENT**

5. Appropriate personnel protective equipment
6. auxiliary rope rescue equipment
7. SOP/SOG's
8. Scene barrier tape



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**Training Provider:** \_\_\_\_\_

**Test Site:** \_\_\_\_\_

**Examiner:** \_\_\_\_\_

NFPA 6.1.2				
Performance Test # 2	<u>TEST</u>		<u>RETEST</u>	
	PASS	FAIL	PASS	FAIL
Given rescue personnel, an established lowering system, a specified minimum travel distance for the load, and a load to be moved, the candidate shall demonstrate the ability to:				
1. Select appropriate equipment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Lay out rope or webbing correctly for anchor	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Join ends of rope or webbing with correct knot or bend	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Place all carabiners gate up and locked	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Focus anchor in proper direction (direction given by evaluator)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Prepare anchor for use by taking all slack and excessive twists from rope or webbing, re-checking all hardware and knots	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Construct a basic mechanical advantage system	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Direct personnel using operational commands	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Manage movement of the load in a high angle environment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Perform safety check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Identify safety concerns	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



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**Performance Test # 3**  
**Construct A multiple-point Rope Anchor System**

**PERFORMANCE STANDARD**

1. The candidate shall construct a multiple-point anchor system, given life safety rope and other auxiliary rope rescue equipment, so that the chosen anchor system fits the incident needs, the system strength meets or exceeds the expected load and does not interfere with rescue operations, equipment is visually inspected prior to being put in service, the critical angle is not exceeded, the nearest anchor point that will support the load is chosen, the anchor system is system safety checked prior to being placed into service, the integrity of the system is maintained throughout the operation, and weight will be distributed between more than one anchor point.
2. The trainee will not be allowed to review the performance steps at the time of testing
3. Prevent or prohibit any unsafe acts.
4. Remember you are evaluator, not an instructor.

**INSTRUCTIONS**

1. Construct a multiple-point anchor system, given life safety rope and other auxiliary rope rescue equipment, so that the chosen anchor system fits the incident needs, the system strength meets or exceeds the expected load and does not interfere with rescue operations, equipment is visually inspected prior to being put in service, the critical angle is not exceeded, the nearest anchor point that will support the load is chosen, the anchor system is system safety checked prior to being placed into service, the integrity of the system is maintained throughout the operation, and weight will be distributed between more than one anchor point.
2. The skill will end when you state or indicate to the evaluator that you have completed all the identified steps.
3. Contact the evaluator at any time for clarification of these instructions.

**EXAMINER NOTE**

A rope rescue scenario, life safety rope and auxiliary rope rescue equipment, the candidate will select appropriate anchors for the scenario given, construct a multiple-point anchor system, and shall utilize this anchor system in the given scenario so that expected loads are not exceeded and that loads are equally distributed between the multiple anchors,

**PREPARATION & EQUIPMENT**

1. PPE
2. 1/2" Static Kernmantle Rope
3. carabiners (5).
4. Webbing or anchor strap (3)

**Reference Source**

**NFPA 1006, Standard for Rescue Technician Qualification, 2013 edition**  
**CMC Rope Rescue Manual**



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**Examiner:** \_\_\_\_\_

NFPA 6.1.3	<u>TEST</u>		<u>RETEST</u>	
	PASS	FAIL	PASS	FAIL
<b>Performance Test # 3</b>				
Construct a multiple-point anchor system, given life safety rope and other auxiliary rope rescue equipment, so that the chosen anchor system fits the incident needs, the system strength meets or exceeds the expected load and does not interfere with rescue operations, equipment is visually inspected prior to being put in service, the critical angle is not exceeded, the nearest anchor point that will support the load is chosen, the anchor system is system safety checked prior to being placed into service, the integrity of the system is maintained throughout the operation, and weight will be distributed between more than one anchor point.				
(1) Determines incident needs as related to choosing anchor system				
(2) Selects effective knots				
(3) Chooses correct anchor system				
(4) Evaluates incident operations as related to interference concerns and set-up				
(5) Chooses anchor points for expected load				
(6) Performs system safety check				
(7) Calculates expected loads				
(8) Selects appropriate equipment				
(9) Evaluate system components for compromised integrity				



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**Performance Test # 4**  
**Construct A Compound Rope Mechanical Advantage System**

**PERFORMANCE STANDARD**

1. The candidate shall construct a compound rope mechanical advantage system, given a load, an anchor system, life safety rope, carabiners, pulleys, rope grab devices, and rope rescue equipment, so that the system constructed accommodates the load, reduces the force required to lift the load, operational interference is factored and minimized, the system is efficient, a system safety check is completed, and the system is connected to an anchor system and the load.
2. The trainee will not be allowed to review the performance steps at the time of testing
3. Prevent or prohibit any unsafe acts.
4. Remember you are evaluator, not an instructor.

**INSTRUCTIONS**

1. Construct a compound rope mechanical advantage system, given a load, an anchor system, life safety rope, carabiners, pulleys, rope grab devices, and rope rescue equipment, so that the system constructed accommodates the load, reduces the force required to lift the load, operational interference is factored and minimized, the system is efficient, a system safety check is completed, and the system is connected to an anchor system and the load.
2. The skill will end when you state or indicate to the evaluator that you have completed all the identified steps.
3. Contact the evaluator at any time for clarification of these instructions.

**EXAMINER NOTE**

Construct a compound rope mechanical advantage system, given a load, an anchor system, life safety rope, carabiners, pulleys, rope grab devices, and rope rescue equipment, so that the system constructed accommodates the load, reduces the force required to lift the load, operational interference is factored and minimized, the system is efficient.

**PREPARATION & EQUIPMENT**

1. PPE
2. 1/2" static or dynamic kernmantle rope (1)
3. Prusiks (2)
4. Rescue runner (1)
5. Pulley (1)
6. Carabiners (3)
7. Tandem triple wrap prusik belay (1)

**Reference Source**

**NFPA 1006, Standard for Rescue Technician Qualification, 2013 edition**  
**CMC Rope Rescue Manual**





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**Examiner:** \_\_\_\_\_

NFPA 6.1.4	<u>TEST</u>		<u>RETEST</u>	
<b>Performance Test # 4</b>	PASS	FAIL	PASS	FAIL
Construct a compound rope mechanical advantage system, given a load, an anchor system, life safety rope, carabiners, pulleys, rope grab devices, and rope rescue equipment, so that the system constructed accommodates the load, reduces the force required to lift the load, operational interference is factored and minimized, the system is efficient, a system safety check is completed, and the system is connected to an anchor system and the load.				
(1) determines incident needs as related to choosing compound rope system				
(2) Selects appropriate equipment				
(3) Selects effective knots				
(4) Constructs appropriate compound mechanical advantage system				
(5) Calculates expected load				
(6) Evaluates incident operations as related to interference concerns and set-up				
(7) Performs system safety check				
(8) Evaluates system components for compromised integrity				



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**Performance Test # 5**  
**Construct A fixed rope system**

**PERFORMANCE STANDARD**

1. The candidate shall construct a fixed rope system, given an anchor system, life safety rope, and rope rescue equipment, so that the system constructed can accommodate the load, is efficient, and is connected to an anchor system and the load, and a system safety check is performed, and the results meet the incident requirements for descending or ascending operations.
2. The trainee will not be allowed to review the performance steps at the time of testing
3. Prevent or prohibit any unsafe acts.
4. Remember you are evaluator, not an instructor.

**INSTRUCTIONS**

1. Construct a fixed rope system, given an anchor system, life safety rope, and rope rescue equipment, so that the system constructed can accommodate the load, is efficient, and is connected to an anchor system and the load, and a system safety check is performed, and the results meet the incident requirements for descending or ascending operations.
2. The skill will end when you state or indicate to the evaluator that you have completed all the identified steps.
3. Contact the evaluator at any time for clarification of these instructions.

**EXAMINER NOTE**

Construct a fixed rope system, given an anchor system, life safety rope, and rope rescue equipment, so that the system constructed can accommodate the load, is efficient, and is connected to an anchor system and the load, and a system safety check is performed, and the results meet the incident requirements for descending or ascending operations.

**PREPARATION & EQUIPMENT**

1. Proper PPE
2. 1/2" static kernmantle rope
3. Carabiners (1)
4. Webbing (1)
5. Tandem triple wrap prusik belay (1)

**Reference Source**

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**Test Site:** \_\_\_\_\_

**Examiner:** \_\_\_\_\_

NFPA 6.1.5	<u>TEST</u>		<u>RETEST</u>	
<b>Performance Test # 5</b>	PASS	FAIL	PASS	FAIL
Construct a fixed rope system, given an anchor system, life safety rope, and rope rescue equipment, so that the system constructed can accommodate the load, is efficient, and is connected to an anchor system and the load, and a system safety check is performed, and the results meet the incident requirements for descending or ascending operations.				
(1) Selects appropriate equipment				
(2) Selects effective knots				
(3) Calculates expected load				
(4) Use rigging principles techniques				
(5) Evaluates incident operations as related to interference concerns and set-up				
(6) Performs system safety check				
(7) Evaluates system components for compromised integrity				



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**Performance Test # 6**  
**Compound rope mechanical advantage system**

**PERFORMANCE STANDARD**

1. The candidate shall direct the operation of a compound rope mechanical advantage system, given a rope rescue system incorporating a compound rope mechanical advantage system and a load to be moved, so that a system safety check is performed; the movement is controlled; the load can be held in place when needed; operating methods do not stress the system to the point of failure; operational commands are clearly communicated; and potential problems are identified, communicated, and managed.
2. The trainee will not be allowed to review the performance steps at the time of testing
3. Prevent or prohibit any unsafe acts.
4. Remember you are evaluator, not an instructor.

**INSTRUCTIONS**

1. Direct the operation of a compound rope mechanical advantage system, given a rope rescue system incorporating a compound rope mechanical advantage system and a load to be moved, so that a system safety check is performed; the movement is controlled; the load can be held in place when needed; operating methods do not stress the system to the point of failure; operational commands are clearly communicated; and potential problems are identified, communicated, and managed.
2. The skill will end when you state or indicate to the evaluator that you have completed all the identified steps.
3. Contact the evaluator at any time for clarification of these instructions.

**EXAMINER NOTE**

Direct the operation of a compound rope mechanical advantage system, given a rope rescue system incorporating a compound rope mechanical advantage system and a load to be moved, so that a system safety check is performed; the movement is controlled.

**PREPARATION & EQUIPMENT**

1. PPE
2. 1/2" static or dynamic kernmantle rope (1)
3. Prusiks (2)
4. Rescue runner (1)
5. Pulley (1)
6. Carabiners (3)
7. Tandem triple wrap prusik belay (1)

**Reference Source**

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**Examiner:** \_\_\_\_\_

NFPA 6.1.6	<u>TEST</u>		<u>RETEST</u>	
<b>Performance Test # 6</b>	PASS	FAIL	PASS	FAIL
Direct the operation of a compound rope mechanical advantage system, given a rope rescue system incorporating a compound rope mechanical advantage system and a load to be moved, so that a system safety check is performed; the movement is controlled; the load can be held in place when needed; operating methods do not stress the system to the point of failure; operational commands are clearly communicated; and potential problems are identified, communicated, and managed.				
(1) Determines incident needs				
(2) Evaluate incident operations as related to interference concerns				
(3) Performs a system safety check				
(4) Evaluates system components for compromised integrity				
(5) Directs personnel effectively				
(6) Communicates commands				
(7) Analyzes system efficiency				
(8) Manages load movement				
(9) Identifies concerns				



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**Performance Test # 7**

**Complete assignment while suspended from a rope rescue system**

**PERFORMANCE STANDARD**

1. The candidate shall complete an assignment while suspended from a rope rescue system, given a rope rescue system, an assignment, life-safety harnesses, litters, bridles, and specialized equipment necessary for the environment, so that risks to victims and rescuers are minimized, the means of attachment to the rope rescue system is secure, selected specialized equipment facilitates efficient rescuer movement, and specialized equipment does not unduly increase risks to rescuers or victims.
2. The trainee will not be allowed to review the performance steps at the time of testing
3. Prevent or prohibit any unsafe acts.
4. Remember you are evaluator, not an instructor.

**INSTRUCTIONS**

1. Complete an assignment while suspended from a rope rescue system, given a rope rescue system, an assignment, life-safety harnesses, litters, bridles, and specialized equipment necessary for the environment, so that risks to victims and rescuers are minimized, the means of attachment to the rope rescue system is secure, selected specialized equipment facilitates efficient rescuer movement, and specialized equipment does not unduly increase risks to rescuers or victims.
2. The skill will end when you state or indicate to the evaluator that you have completed all the identified steps.
3. Contact the evaluator at any time for clarification of these instructions.

**EXAMINER NOTE**

Complete an assignment while suspended from a rope rescue system, given a rope rescue system, an assignment, life-safety harnesses, litters, bridles, and specialized equipment necessary for the environment, so that risks to victims and rescuers are minimized.

**PREPARATION & EQUIPMENT**

1. Proper PPE
2. Rescue runner (1)
3. Brake bar rack (1)
4. Pick off strap (1)
5. Carabiners (2)
6. Prusiks (2)
7. Tandem triple wrap prusik belay (1)

**Reference Source**

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NFPA 6.1.6	<u>TEST</u>		<u>RETEST</u>	
	PASS	FAIL	PASS	FAIL
<b>Performance Test # 7</b>				
Complete an assignment while suspended from a rope rescue system, given a rope rescue system, an assignment, life-safety harnesses, litters, bridles, and specialized equipment necessary for the environment, so that risks to victims and rescuers are minimized, the means of attachment to the rope rescue system is secure, selected specialized equipment facilitates efficient rescuer movement, and specialized equipment does not unduly increase risks to rescuers or victims.				
(1) Selects and uses proper rescuer harness and personal protective equipment for common environments				
(2) Attaches harness to the rope rescue system				
(3) Maneuvers around existing environment and system-specific obstacles				
(4) Performs work while suspended from the rope rescue system				
(5) Evaluates surroundings for potential hazards				



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**Performance Test # 8**  
**Victim transfer**

**PERFORMANCE STANDARD**

1. The candidate shall move a victim in a high-angle or vertical environment, given a rope rescue system, victim transfer devices, and specialized equipment necessary for the environment, so that risks to victims and rescuers are minimized, undesirable victim movement within the transfer device is minimized, the means of attachment to the rope rescue system is maintained, the victim is removed from the hazard, selected specialized equipment facilitates efficient victim movement, and the victim can be transported to the local EMS provider.
2. The trainee will not be allowed to review the performance steps at the time of testing
3. Prevent or prohibit any unsafe acts.
4. Remember you are evaluator, not an instructor.

**INSTRUCTIONS**

1. Move a victim in a high-angle or vertical environment, given a rope rescue system, victim transfer devices, and specialized equipment necessary for the environment, so that risks to victims and rescuers are minimized, undesirable victim movement within the transfer device is minimized, the means of attachment to the rope rescue system is maintained, the victim is removed from the hazard, selected specialized equipment facilitates efficient victim movement, and the victim can be transported to the local EMS provider.
2. The skill will end when you state or indicate to the evaluator that you have completed all the identified steps.
3. Contact the evaluator at any time for clarification of these instructions.

**EXAMINER NOTE**

Move a victim in a high-angle or vertical environment, given a rope rescue system, victim transfer devices, and specialized equipment necessary for the environment, so that risks to victims and rescuers are minimized, undesirable victim movement within the transfer device is minimized, the means of attachment to the rope rescue system is maintained.

**PREPARATION & EQUIPMENT**

1. PPE
2. Mechanical advantage or pick off
3. 1/2" static kernmantle rope (1)
4. Brake bar rack (1)
5. Pick off strap (1)
6. Carabiners (4)
7. Tandem triple wrap prusik belay (1)

**Reference Source**

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**Training Provider:** \_\_\_\_\_

**Test Site:** \_\_\_\_\_

**Examiner:** \_\_\_\_\_

NFPA 6.1.6	<u>TEST</u>		<u>RETEST</u>	
Performance Test # 8	PASS	FAIL	PASS	FAIL
Move a victim in a high-angle or vertical environment, given a rope rescue system, victim transfer devices, and specialized equipment necessary for the environment, so that risks to victims and rescuers are minimized, undesirable victim movement within the transfer device is minimized, the means of attachment to the rope rescue system is maintained, the victim is removed from the hazard, selected specialized equipment facilitates efficient victim movement, and the victim can be transported to the local EMS provider.				
(1) Chooses proper transfer device				
(2) Selects appropriate personal protective equipment				
(3) Attaches a transfer device to the rope rescue system				
(4) Reduces hazards for rescuers and victim				
(5) Determines specialized equipment needs for victim movement				
(6) Transfer of victim in high angle environment using transfer device				



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**Performance Test # 9**

**Direct A team in the construction of a highline**

**PERFORMANCE STANDARD**

1. The candidate shall direct a team in the construction of a highline system, given rescue personnel, life safety rope, rope rescue equipment, and suitable anchor system capable of supporting the load, so that personnel assignments are made and clearly communicated, the system constructed can accommodate the load, tension applied within the system will not exceed the rated capacity of any of its component parts, system safety check is performed, movement on the system is efficient, and loads can be held in place or moved with minimal effort over the desired distance.
2. The trainee will not be allowed to review the performance steps at the time of testing
3. Prevent or prohibit any unsafe acts.
4. Remember you are evaluator, not an instructor.

**INSTRUCTIONS**

1. Direct a team in the construction of a highline system, given rescue personnel, life safety rope, rope rescue equipment, and suitable anchor system capable of supporting the load, so that personnel assignments are made and clearly communicated, the system constructed can accommodate the load, tension applied within the system will not exceed the rated capacity of any of its component parts, system safety check is performed, movement on the system is efficient, and loads can be held in place or moved with minimal effort over the desired distance.
2. The skill will end when you state or indicate to the evaluator that you have completed all the identified steps.
3. Contact the evaluator at any time for clarification of these instructions.

**EXAMINER NOTE**

Direct a team in the construction of a highline system, given rescue personnel, life safety rope, rope rescue equipment, and suitable anchor system capable of supporting the load, so that personnel assignments are made and clearly communicated, the system constructed can accommodate the load, tension applied within the system will not exceed the rated capacity of any of its component parts, system safety check is performed, movement on the system is efficient, and loads can be held in place or moved with minimal effort over the desired distance.

**PREPARATION & EQUIPMENT**

- |                              |                             |
|------------------------------|-----------------------------|
| 1. PPE                       | 2. Webbing (8)              |
| 3. Carabiners (10)           | 4. 300' rope (1)            |
| 5. 150' rope (2)             | 6. Kootenay pulley (1)      |
| 7. Pulleys (7)               | 8. Rescue runners (2)       |
| 9. Nonlocking carabiners (2) | 10. Rope to guy off A-frame |

**Reference Source**

**NFPA 1006, Standard for Rescue Technician Qualification, 2013 edition**  
**CMC Rope Rescue Manual**



**ARAB FIRE SAFTY AND SECURTY ACADEMY (AFSSAC)**  
**RESCUE TECHNICIAN: ROPE**  
**PERFORMANCE STANDARDS**  
**NFPA 1006, 2013 Edition**

**Candidate:** \_\_\_\_\_ **Notes:** \_\_\_\_\_

**Training Provider:** \_\_\_\_\_

**Test Site:** \_\_\_\_\_

**Examiner:** \_\_\_\_\_

NFPA 6.1.6	<u>TEST</u>		<u>RETEST</u>	
	PASS	FAIL	PASS	FAIL
<b>Performance Test # 9</b>				
Direct a team in the construction of a highline system, given rescue personnel, life safety rope, rope rescue equipment, and suitable anchor system capable of supporting the load, so that personnel assignments are made and clearly communicated, the system constructed can accommodate the load, tension applied within the system will not exceed the rated capacity of any of its component parts, system safety check is performed, movement on the system is efficient, and loads can be held in place or moved with minimal effort over the desired distance.				
(1) Determines incident needs as related to construction of highline systems				
(2) Evaluates an incident site as related to interference concerns and setup				
(3) Identifies the obstacles or voids to be negotiated with the highline				
(4) Selects a highline system for defined task				
(5) Performs system safety check				
(6) Uses rigging principles				
(7) Communicates with personnel effectively.				



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**Performance Test # 10**  
**Direct a team in the operation of a highline**

**PERFORMANCE STANDARD**

1. The candidate shall direct a team in the operation of a highline system, given rescue personnel, an established highline system, a load to be moved, and personal protective equipment, so that the movement is controlled, the load is held in place when needed, operating methods do not stress the system to the point of failure, personnel assignments are made and tasks are communicated, and potential problems are identified, communicated, and managed.
2. The trainee will not be allowed to review the performance steps at the time of testing
3. Prevent or prohibit any unsafe acts.
4. Remember you are evaluator, not an instructor.

**[NFPA 1006, Standard for Rescue Technician Qualification, 2013 edition]**  
**[Moby's Confined Space and Structural Rope Rescue.]**

**INSTRUCTIONS**

1. Direct a team in the operation of a highline system, given rescue personnel, an established highline system, a load to be moved, and personal protective equipment, so that the movement is controlled, the load is held in place when needed, operating methods do not stress the system to the point of failure, personnel assignments are made and tasks are communicated, and potential problems are identified, communicated, and managed.
2. The skill will end when you state or indicate to the evaluator that you have completed all the identified steps.
3. Contact the evaluator at any time for clarification of these instructions.

**EXAMINER NOTE**

Direct a team in the operation of a highline system, given rescue personnel, an established highline system, a load to be moved, and personal protective equipment, so that the movement is controlled, the load is held in place when needed, operating methods do not stress the system to the point of failure, personnel assignments are made and tasks are communicated, and potential problems are identified, communicated, and managed.

**PREPARATION & EQUIPMENT**

- |                             |                       |                              |
|-----------------------------|-----------------------|------------------------------|
| 1. PPE                      | 2. Webbing (8)        | 3. Carabiners (10)           |
| 4. 300' rope (1)            | 5. 150' rope (2)      | 6. Kootenay pulley (1)       |
| 7. Pulleys (7)              | 8. Rescue runners (2) | 9. Nonlocking carabiners (2) |
| 10. Rope to guy off A-frame |                       |                              |

**Reference Source**

**NFPA 1006, Standard for Rescue Technician Qualification, 2013 edition**  
**CMC Rope Rescue Manual**



**ARAB FIRE SAFETY AND SECURITY ACADEMY (AFSSAC)**  
**RESCUE TECHNICIAN: ROPE**  
**PERFORMANCE STANDARDS**  
**NFPA 1006, 2013 Edition**

**Candidate:** \_\_\_\_\_ **Notes:** \_\_\_\_\_

**Training Provider:** \_\_\_\_\_

**Test Site:** \_\_\_\_\_

**Examiner:** \_\_\_\_\_

NFPA 6.1.6	<u>TEST</u>		<u>RETEST</u>	
	PASS	FAIL	PASS	FAIL
<b>Performance Test # 10</b>				
Direct a team in the operation of a highline system, given rescue personnel, an established highline system, a load to be moved, and personal protective equipment, so that the movement is controlled, the load is held in place when needed, operating methods do not stress the system to the point of failure, personnel assignments are made and tasks are communicated, and potential problems are identified, communicated, and managed.				
(1) Determines incident needs				
(2) Completes a system safety check				
(3) Evaluates system components for compromised integrity				
(4) Selects personnel				
(5) Communicates with personnel effectively				
(6) Manages movement of the load				
(7) Evaluates for potential problems				



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**PERFORMANCE STANDARDS**  
**NFPA 1006, 2013 Edition**

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**Performance Test # 11**  
**Ascend a fixed rope**

**PERFORMANCE STANDARD**

1. The candidate shall ascend a fixed rope, given an anchored fixed rope system, a system to allow ascent of a fixed rope, a structure, a belay system, a life safety harness worn by the person ascending, and personal protective equipment, so that the person ascending is secured to the fixed rope in a manner that will not allow him or her to fall, the person ascending is attached to the rope by means of ascent control device(s) with at least two points of contact, injury to the person ascending is minimized, the person ascending can stop at any point on the fixed rope and rest suspended by his or her harness, the system will not be stressed to the point of failure, the person ascending can convert his or her ascending system to a descending system, and the system is suitable for the site and objective is reached.
2. The trainee will not be allowed to review the performance steps at the time of testing
3. Prevent or prohibit any unsafe acts.
4. Remember you are evaluator, not an instructor.

**[NFPA 1006, Standard for Rescue Technician Qualification, 2003 edition]**  
**[Moby's Confined Space and Structural Rope Rescue.]**

**INSTRUCTIONS**

1. Ascend a fixed rope, given an anchored fixed rope system, a system to allow ascent of a fixed rope, a structure, a belay system, a life safety harness worn by the person ascending, and personal protective equipment, so that the person ascending is secured to the fixed rope in a manner that will not allow him or her to fall, the person ascending is attached to the rope by means of ascent control device(s) with at least two points of contact, injury to the person ascending is minimized, the person ascending can stop at any point on the fixed rope and rest suspended by his or her harness, the system will not be stressed to the point of failure, the person ascending can convert his or her ascending system to a descending system, and the system is suitable for the site and objective is reached.
2. The skill will end when you state or indicate to the evaluator that you have completed all the identified steps.
3. Contact the evaluator at any time for clarification of these instructions.

**EXAMINER NOTE**

Ascend a fixed rope, given an anchored fixed rope system, a system to allow ascent of a fixed rope, a structure, a belay system, a life safety harness worn by the person ascending, and personal protective equipment, so that the person ascending is secured to the fixed rope in a manner that will not allow him or her to fall, the person ascending is attached to the rope by means of ascent control device(s) with at least two points of contact, injury to the person ascending is minimized, the person ascending can stop at any point on the fixed rope and rest suspended by his or her harness, the system



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will not be stressed to the point of failure, the person ascending can convert his or her ascending system to a descending system, and the system is suitable for the site and objective is reached.

### **PREPARATION & EQUIPMENT**

1. PPE
2. 1/2" static kernmantle rope
3. Gibbs ascenders (2)
4. Etrier multiloop strap (1)
5. Harness (1)
6. Carabiners (2)

### **Reference Source**

**NFPA 1006, Standard for Rescue Technician Qualification, 2013 edition**  
**CMC Rope Rescue Manual**



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**RESCUE TECHNICIAN: ROPE**  
**PERFORMANCE STANDARDS**  
**NFPA 1006, 2013 Edition**

**Candidate:** \_\_\_\_\_ **Notes:** \_\_\_\_\_

**Training Provider:** \_\_\_\_\_

**Test Site:** \_\_\_\_\_

**Examiner:** \_\_\_\_\_

NFPA 6.1.7	<u>TEST</u>		<u>RETEST</u>	
	PASS	FAIL	PASS	FAIL
<b>Performance Test # 11</b>				
Ascend a fixed rope, given an anchored fixed rope system, a system to allow ascent of a fixed rope, a structure, a belay system, a life safety harness worn by the person ascending, and personal protective equipment, so that the person ascending is secured to the fixed rope in a manner that will not allow him or her to fall, the person ascending is attached to the rope by means of ascent control device(s) with at least two points of contact, injury to the person ascending is minimized, the person ascending can stop at any point on the fixed rope and rest suspended by his or her harness, the system will not be stressed to the point of failure, the person ascending can convert his or her ascending system to a descending system, and the system is suitable for the site and objective is reached.				
(1) Evaluate surroundings for potential hazards.				
(2) Selects proper rescue harness and PPE				
(3) Selects a system for ascending a fixed rope				
(4) Attaches the life safety harness to the rope rescue system				
(5) Configures ascent control devices to form a system for ascending a fixed rope				
(6) Makes connections to the ascending system				
(7) Maneuvers around existing environment and system-specific obstacles				
(8) Converts the ascending system to a descending system while suspended from the fixed rope				
(9) Determining the surrounding hazards				





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**Performance Test # 12**  
**Descend a fixed rope**

**PERFORMANCE STANDARD**

1. The candidate shall Descend a fixed rope, given an anchored fixed-rope system, a system to allow descent of a fixed rope, a belay system, a life safety harness worn by the person descending, and personal protective equipment, so that the person descending is attached to the fixed rope in a manner that will not allow him or her to fall, the person descending is attached to the rope by means of a descent control device, the speed of descent is controlled, injury to the person descending is minimized, the person descending can stop at any point on the fixed rope and rest suspended by his or her harness, the system will not be stressed to the point of failure, and the system is suitable for the site and objective is reached.
2. The trainee will not be allowed to review the performance steps at the time of testing
3. Prevent or prohibit any unsafe acts.
4. Remember you are evaluator, not an instructor.

**INSTRUCTIONS**

1. The candidate shall Descend a fixed rope, given an anchored fixed-rope system, a system to allow descent of a fixed rope, a belay system, a life safety harness worn by the person descending, and personal protective equipment, so that the person descending is attached to the fixed rope in a manner that will not allow him or her to fall, the person descending is attached to the rope by means of a descent control device, the speed of descent is controlled, injury to the person descending is minimized, the person descending can stop at any point on the fixed rope and rest suspended by his or her harness, the system will not be stressed to the point of failure, and the system is suitable for the site and objective is reached.
2. The skill will end when you state or indicate to the evaluator that you have completed all the identified steps.
3. Contact the evaluator at any time for clarification of these instructions.

**EXAMINER NOTE**

The candidate shall Descend a fixed rope, given an anchored fixed-rope system, a system to allow descent of a fixed rope, a belay system, a life safety harness worn by the person descending, and personal protective equipment, so that the person descending is attached to the fixed rope in a manner that will not allow him or her to fall, the person descending is attached to the rope by means of a descent control device, the speed of descent is controlled, injury to the person descending is minimized, the person descending can stop at any point on the fixed rope and rest suspended by his or her harness, the system will not be stressed to the point of failure, and the system is suitable for the site and objective is reached.



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**PREPARATION & EQUIPMENT**

1. PPE
2. 1/2" Static Kernmantle Rope (1)
3. Harness (1)
4. Webbing (1)
5. Brake bar rack (1)
6. Carabiners (2)
7. Tandem triple wrap prusik belay (1)

**Reference Source**

**NFPA 1006, Standard for Rescue Technician Qualification, 2013 edition**  
**CMC Rope Rescue Manual**



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**PERFORMANCE STANDARDS**  
**NFPA 1006, 2013 Edition**

**Candidate:** \_\_\_\_\_ **Notes:** \_\_\_\_\_

**Training Provider:** \_\_\_\_\_

**Test Site:** \_\_\_\_\_

**Examiner:** \_\_\_\_\_

NFPA 6.1.8	<u>TEST</u>		<u>RETEST</u>	
	PASS	FAIL	PASS	FAIL
<b>Performance Test # 12</b>				
The candidate shall Descend a fixed rope, given an anchored fixed-rope system, a system to allow descent of a fixed rope, a belay system, a life safety harness worn by the person descending, and personal protective equipment, so that the person descending is attached to the fixed rope in a manner that will not allow him or her to fall, the person descending is attached to the rope by means of a descent control device, the speed of descent is controlled, injury to the person descending is minimized, the person descending can stop at any point on the fixed rope and rest suspended by his or her harness, the system will not be stressed to the point of failure, and the system is suitable for the site and objective is reached.				
(1) Evaluate surroundings for potential hazards				
(2) Selects proper rescue harness and PPE				
(3) Selects a system for ascending a fixed rope				
(4) Attaches the life safety harness to the rope rescue system				
(5) Make attachment of the descent control device to the rope and life safety harness				
(6) Operates the descent control device				
(7) Maneuvers around existing environment and system-specific obstacles				
(8) Determining the surrounding hazards				