

FIRE CERTIFICATION TESTING



FIREFIGHTER II **Practical Examination Directions**

New Hampshire Department of Safety
Division of Fire Standards and Training and Emergency Medical Services
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**State of New Hampshire
Department of Safety
Division of Fire Standards & Training
and Emergency Medical Services**

**Firefighter II
Patient Packaging
Practical Examination**

OBJECTIVE:

The candidate shall properly package a patient into a litter for a non-technical evacuation. The candidate will have 10 minutes to complete this skill.

INSTRUCTIONS TO CANDIDATE:

This station is designed to test your ability to properly package a patient into a litter for a non-technical evacuation. You have 10 minutes to complete this skill station.

SCENARIO: The weather conditions are as follows: Temperature is 30 degrees, wind is 10 mph. There are no suspected C-Spine injuries to the patient. Do you have any questions?

EXAMINERS NOTE:

- Student does **NOT** have to wear gloves or helmet.
- Place a backboard, without straps, in the litter.
- The examiner should stop the candidate when they have reached the 10 min and 10 sec mark even if they have not completed the station. The total time shall be recorded on the practical exam sheet.

PREPARATION & EQUIPMENT (for 2 stations):

- 2 Litters
- 2 Backboards (without straps)
- 2 Ropes for lashing 8mm X 35 ft
- 2 Sleeping Bags
- 2 Tarps
- 2 Pads
- 2 Rescue Randy

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**Firefighter II
Constructing a 3:1 Z-Rig Pulley System
Practical Examination**

OBJECTIVE:

The candidate shall properly construct and operate a 3:1 Z- Rig pulley system. Connect the rescue rope to the litter, construct the mechanical advantage raising system and operate the system, including one reset. The candidate will have 10 minutes to complete this skill.

INSTRUCTIONS TO CANDIDATE:

This station is designed to test your ability to construct and operate a 3:1 Z-Rig pulley system. Connect the rescue rope to the litter, construct the mechanical advantage system and then properly operate the system, including one reset. You have 10 minutes to complete this skill station, do you have any questions?

EXAMINERS NOTE:

- Helmet required for student.
- The examiner should stop the candidate when they have reached the 10 min and 10 sec mark even if they have not completed the station. The total time shall be recorded on the practical exam sheet.
- EVALUATOR MUST BE A RESCUE SKILLS INSTRUCTOR

PREPARATION & EQUIPMENT (list for 2 stations):

- 2 Downgraded Rescue Rope
- 4 Prussic minding pulleys
- 10 carabiners
- 8 Prussic cords (4 short, 4 long)
- 2 Litters
- Anchor points
- 8 webbing (4-7 ft., 4-12 ft)
- 2 Stopwatches

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**Firefighter II
Tying Rescue Knots
Practical Examination**

OBJECTIVE:

The candidate shall properly tie a Figure 8 Follow Through, Figure 8 Bend, Alpine Butterfly, Double Fisherman's Bend and Water Bend. The candidate will have 7 minutes to complete this skill.

INSTRUCTIONS TO CANDIDATE:

This station is designed to test your ability to properly tie a series of rescue service knots. These knots will include the Figure 8 Follow Through, Figure 8 Bend, Alpine Butterfly, Double Fisherman's Bend, and Water Bend. You have 7 minutes to complete this skill station, do you have any questions?

EXAMINERS NOTE:

- The candidate must tie a safety knot where required.
- The examiner should stop the candidate when they have reached the 7 min and 10 sec mark even if they have not completed the station. The total time shall be recorded on the practical exam sheet.

PREPARATION & EQUIPMENT (list for 2 stations):

- 8 Downgraded Rescue Ropes
- 2 8mm Prusik Cord
- 2 Webbing
- 2 Stopwatches

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**Firefighter II
Conducting Monthly Generator Test
Practical Examination**

OBJECTIVE:

The candidate shall properly perform a monthly test on a generator. Once the device is running you must ensure proper operation and discontinuation of the device. The candidate will have 5 minutes to complete this skill.

INSTRUCTIONS TO CANDIDATE:

This station is designed to test your ability to properly perform a monthly test on a generator. Once the device is running you must ensure proper operation and discontinuation of the device. You have 5 minutes to complete this skill station, do you have any questions?

EXAMINERS NOTE:

- Students are required to wear provided safety glasses.
- Examiner shall stop the candidate after 5 min and 10 sec even if they have not completed the skills station. The total time shall be recorded on top of the practical exam skill sheet.

PREPARATION & EQUIPMENT:

- Stop watch
- Generator
- Fuel and oil
- Lights
- Extension cord
- Rags
- Safety glasses

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**Firefighter II
Placing Foam Line into Service
Practical Examination**

OBJECTIVE:

The candidate shall properly place a foam line into service by placing the correct aspirating nozzle on the line, placing an in-line eductor no more than 150 feet from the nozzle, placing the eductor tubing into the correct concentrate percentage of foam, and verbalizing the charging of the line. The candidate will have 5 minutes to complete this skill.

INSTRUCTIONS TO CANDIDATE:

This station is designed to test your ability to properly place a foam line into service. You must utilize the correct nozzle, in-line eductor, and select the proper foam concentrate for the scenario. You must then verbalize the charging of the foam line after it has been correctly assembled. You have 5 minutes to complete this skill station, do you have any questions?

SCENARIO - *You respond to a gas station to find that 25 gallons of gas has been spilled.*

QUESTION 1 - *Please indicate what kind of spill you are facing and what classification of foam you will choose to handle the situation.(hydrocarbon)*

QUESTION 2 - *Indicate what pressure you must flow water at in order to achieve the minimum desired pressure at the nozzle.(150-200lbs)*

EXAMINERS NOTE:

- Gloves and Helmet.
- Examiner shall stop the student after 5 min and 10 sec even if they have not finished the skills station. The total time shall be recorded on the practical exam sheet.

PREPARATION & EQUIPMENT:

- 3 1 ¾ Hose lines
- Various (3) aspirating nozzles or fog nozzles. One nozzle must match the flow on the eductor
- Various (3) foam concentrate barrels
- In-Line eductor
- Stop Watch

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**Firefighter II
Construct and Operate a Tandem Prusik Belay
Practical Examination**

OBJECTIVE:

The candidate shall properly construct and operate a Tandem Prusik Belay. Connect the belay rope to the litter, construct the anchor then construct the belay. Properly operate the belay system for both a lowering and raising belay. The candidate will have 10 minutes to complete this skill.

INSTRUCTIONS TO CANDIDATE:

This station is designed to test your ability to properly construct and operate a Tandem Prusik Belay. You must connect the belay rope to the litter, construct the anchor, and then construct the belay. Operate the belay system for both a lowering and raising belay. You have 10 minutes to complete this skill station, do you have any questions?

EXAMINERS NOTE:

- Helmet required for student.
- The examiner should stop the candidate when they have reached the 10 min and 10 sec mark even if they have not completed the station. The total time shall be recorded on the practical exam sheet.

PREPARATION & EQUIPMENT (list for 2 stations):

- 2 Downgraded Rescue Ropes
- 8 Webbing (4-7ft & 4-12ft)
- 2 Stopwatches
- 8 carabiners
- 6 Prussic cord (3 short, 3 long)
- 2 load release straps
- 2 Litters

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**Firefighter II
Rappelling
Practical Examination**

OBJECTIVE:

The candidate shall properly connect to both a fixed rope and belay system and rappel approx 5-10 feet, stop, lock off, restart and rappel a minimum of an additional 10 feet to the ground. The evaluator will perform the belay if a belayer is not available. The candidate will have 10 minutes to complete this skill.

INSTRUCTIONS TO CANDIDATE:

This station is designed to test your ability to rappel, stop, lock off and then restart. From the point you begin connecting items to the rope systems or harness you have 10 minutes to complete this skill station, do you have any questions?

EXAMINERS NOTE:

- Helmet required for student.
- Time starts when candidate begins connecting items to the rope systems or harness.
- The examiner should stop the candidate when they have reached the 10 min and 10 sec mark even if they have not completed the station. The total time shall be recorded on the practical exam sheet.

PREPARATION & EQUIPMENT (list for 2 stations):

- 4 Rescue Ropes
- 2 Stopwatches
- 10 Carabiners
- 4 Figure 8 Descenders
- 8 Webbing (4-7ft & 4-12 ft)

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**Firefighter II
Ascend a Fixed Rope
Practical Examination**

OBJECTIVE:

The candidate shall properly connect to both a fixed rope and belay system; climb the rope from the ground to the designated point. The evaluator will perform the belay if a belayer is not available. The candidate will have 10 minutes to complete this skill.

INSTRUCTIONS TO CANDIDATE:

This station is designed to test your ability to properly ascend a fixed rope. You must climb the rope from the ground to a designated point. From when you begin connecting items to the rope systems or harness you have 10 minutes to complete this skill station. Do you have any questions?

EXAMINERS NOTE:

- Helmet and boots with ankle support required for student.
- The examiner should stop the candidate when they have reached the 10 min and 10 sec mark even if they have not completed the station. The total time shall be recorded on the practical exam sheet.

PREPARATION & EQUIPMENT (list for 2 stations):

- Harnesses Of Various Sizes (Both Class II And Class III)
- 4 Rescue Ropes
- 2 Stopwatches
- 12 Carabiners
- 8 Webbing (4-7 Ft., 4-12 Ft.)
- 4 Figure-8 Descenders
- 8 Prussic cord (4 Short, 4 Long)

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**Firefighter II
Donning A Class III Harness
Practical Examination**

OBJECTIVE:

The candidate shall properly don a Class III Harness. The candidate will have 3 minutes to complete this skill.

INSTRUCTIONS TO CANDIDATE:

This station is designed to test your ability to properly don a Class III Harness. You have 3 minutes to complete this skill station. Before time starts you may inspect the harness. Do you have any questions?

EXAMINERS NOTE:

- The examiner should stop the candidate when they have reached the 3 min and 10 sec mark even if they have not completed the station. The total time shall be recorded on the practical exam sheet.
- Proper procedure for connecting straps on the Troll Class III Harness is as follows: Insert the buckle through the keeper while making sure the tail of webbing does not get passed through the keeper. Preventing the webbing from passing through the keeper is critical in the safe use of this harness.

PREPARATION & EQUIPMENT:

- Class III Harnesses (4 Regular and 2 Large)