

NYS Basic Exterior Firefighting Operation Skills by Unit

TO BE COMPLETED AT HOME DEPARTMENT

| | |
|-------------------|---|
| Skill 2-I-1 | Respond on an Apparatus to an Emergency Scene |
| Skill 2-I-2 | Operate in Established Work Area at Emergency Scene |
| Skill 6-I-6, 7 | Inspection, Cleaning and Sanitizing of SCBA |
| Skill 6-I-8, 9 | Filling SCBA Cylinder |
| Skill 8-I-1 | Clean and Inspect Rope |
| Skill 10-I-1 | Emergency Scene Illumination |
| Skill 11-I-1 | Hand Tool Maintenance |
| Skill 11-I-2 | Power Tool Maintenance |
| Skill 12-I-1 | Clean, Inspect, and Maintain a Ladder |
| Skill 15-I-1, 2 | Basic Hose Use |
| Skill 15-I-3, 4 | Rolling Hose |
| Skill 15-I-6 | Loading/ Advancing an Accordion Load |
| Skill 15-I-10, 14 | Loading/ Advancing a Triple-Layer Load (use if FD utilizes Load) |
| Skill 15-I-11, 14 | Loading/ Advancing a Pre-Connected Minuteman Load (use if FD utilizes Load) |

UNIT 2

| | |
|--------------|---------------------------------------|
| Skill 6-I-1 | Donning Personal Protective Equipment |
| Skill 6-I-10 | One-person SCBA bottle change |
| Skill 6-I-11 | Two-person SCBA bottle change |

Unit 5

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|--------------------|------------------------------|
| Skill 8-I-2 to 12 | Knots |
| Skill 8-I-13 to 18 | Hoisting Tools and Equipment |

Unit 6

| | |
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| Skill 9-I-3, 5, 6, 7 | Victim carries and drags |
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Unit 7

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|-------------------|---------------------------------------|
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Unit 8 & 9

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|-------------------|---|
| Skill 12-I-2 | Single FF- Single Ladder- Low Shoulder Carry |
| Skill 12-I-3 | Two Firefighter – Low Shoulder Carry |
| Skill 12-I-4 | Three FF- Flat Shoulder Carry Method |
| Skill 12-I-5 | Three FF – Flat Arm Carry |
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| Skill 12-I-8, 17 | One FF Beam Raise a Ladder, leg lock |
| Skill 12-I-7, 9 | Two FF Flat Ladder Raise, Tie a Halyard |
| Skill 12-I-10, 16 | Two FF Beam Raise, Heel a Ladder |
| Skill 12-I-18 | Assist a Conscious Victim Down a Ground Ladder |
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Unit 11 Skills

| | |
|------------------------------|--|
| Skill 14-I-1, 2; 15-I-12, 13 | Hydrant Connection & Operation |
| Skill 14-I-3, 4 | Deploy a Portable Tank and Static Suction Line |
| Skill 15-I-5 | Loading a Flat Load |
| Skill 15-I-9, 14 | Loading/ Advancing a Pre-Connected Flat Load |
| Skill 15-I-24, 25 | Large Hose Line Operation |
| Skill 15-I-26, 27 | Replacing a Burst Hoseline/ Extend a Hoseline |
| Skill 16-I-1, 2, 3 | Operating a Nozzle |
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Respond on an Apparatus to an Emergency Scene

NFPA 1001 [2013] - 5.3.2, 5.3.3

REQUIRES HOME DEPARTMENT SIGN OFF

NYS DIVISION OF HOMELAND SECURITY & EMERGENCY SERVICES

NYS Skill Sheet 2-I-1

| | |
|------------------------|-----------------------------|
| Candidate's Name _____ | Date _____ |
| Evaluator's Name _____ | Evaluator's Signature _____ |

The firefighter, given a set of turnout gear, shall demonstrate safely responding to an emergency scene aboard a fire department apparatus and correctly dismount the apparatus at a high flow traffic emergency scene, as outlined in IFSTA Essentials of Fire Fighting and Fire Department Operations, 6TH ed.

| Criteria: | DEPT | INSTR |
|--|----------------|----------------|
| Mounting | | |
| Determine that vehicle is NOT in motion | | |
| Mount fire apparatus using handrails and steps keeping three points of contact | | |
| Close door, safety bar, gate top cab or compartment | | |
| Secure loose items according to FD SOP | | |
| Sit, fasten seat belt and notify driver | | |
| Dismounting | | |
| Wait for orders before leaving the apparatus | | |
| Ensure that vehicle is completely stopped before disconnecting restraints and preparing to leave the apparatus | | |
| Prepare to dismount on the downstream or curb side of the apparatus if possible | | |
| LOOK for traffic approaching from both directions through window | | |
| Partially open the door and check for traffic before dismounting | | |
| Exit apparatus when safe to do so and safely dismount from apparatus using handrails and steps keeping three points of contact | | |
| Close door [if present] assuring that you are in a protected area | | |
| | INITIAL | INITIAL |

Evaluator Notes:



Operate in Established Work Areas at an Emergency Scene

NFPA 1001 [2013] - 5.3.3

REQUIRES HOME DEPARTMENT SIGN OFF

NYS DIVISION OF HOMELAND SECURITY & EMERGENCY SERVICES

NYS Skill Sheet 2-I-2

| | |
|---------------------------|--------------------------------|
| _____ Candidate's Name | _____ Date |
| _____ Evaluator's Name | _____ Evaluator's Signature |

The firefighter will demonstrate scene management at roadway incidents using traffic and scene control devices while wearing appropriate PPE, including reflective vest as outlined in IFSTA Essentials of Fire Fighting and Fire Department Operations, 6TH ed.

| Criteria: | DEPT | INSTR |
|--|----------------|----------------|
| Firefighter dons appropriate Personal Protective Equipment (PPE), including Reflective vest and exits the apparatus after observing traffic and continually observes upstream vehicle traffic. | | |
| Set up traffic cones and/or flares and scene control devices appropriate to the assignment following local procedures (must first check area for flammable material before using flares). | | |
| Set up established work areas. | | |
| Performs tasks as directed to complete the assignment. | | |
| Follows local procedures for highway incidents. | | |
| Remove traffic cones and scene control devices. | | |
| | INITIAL | INITIAL |

Evaluator Notes:



Inspection, Cleaning and Sanitizing of SCBA

NFPA 1001 [2013] - 5.3.2, 5.5.1

REQUIRES HOME DEPARTMENT SIGN OFF

NYS DIVISION OF HOMELAND SECURITY & EMERGENCY SERVICES

NYS FFI Skill Sheet 6-I-6, 6-I-7

| | |
|------------------------|-----------------------------|
| Candidate's Name _____ | Date _____ |
| Evaluator's Name _____ | Evaluator's Signature _____ |

The candidate, given an SCBA, shall inspect the SCBA, identify and correct any problems found, and state the cleaning procedures for the SCBA as outlined in IFSTA Essentials of Fire Fighting and Fire Department Operations, 6TH ed.

| Criteria: | DEPT | INSTR |
|--|----------------|----------------|
| Identify all components are present: harness assembly, cylinder, facepiece and PASS device | | |
| Inspect all components of SCBA for cleanliness and damage | | |
| Immediately clean dirty components if found. If damage is found, remove from service and report to company officer | | |
| Check that cylinder is full [90-100 percent of capacity] | | |
| Open cylinder valve slowly: verify operation of low pressure alarm[if equipped] and no audible air leaks | | |
| Verify that gauges and indicators [heads-up display] provide similar results within manufacturer's recommendations | | |
| Check function of all modes of PASS device. | | |
| Don facepiece over the head and securely tighten the straps, pulling straight back. * | | |
| Test facepiece for seal and proper operation of exhalation valve. * | | |
| Don regulator and check function by taking several breaths. Check bypass and purge. * | | |
| Remove facepiece and prepare all components for immediate reuse. * | | |
| Prepare cleaning solutions, buckets etc. According to manufacturer's recommendations and department policies | | |
| Clean all components of SCBA unit according to manufacturer's recommendations and department policies | | |
| Place all components in a manner and location so they will dry | | |
| Assemble components so they are in a state of readiness | | |
| * NOT FOR BEFO STUDENTS | INITIAL | INITIAL |

Evaluator Notes:



Filling a SCBA Cylinder

NFPA 1001 [2013] – 5.3.1

REQUIRES HOME DEPARTMENT SIGN OFF

NYS DIVISION OF HOMELAND SECURITY & EMERGENCY SERVICES

NYS Skill Sheet 6-I-8, 6-I-9

| | |
|------------------------|-----------------------------|
| Candidate's Name _____ | Date _____ |
| Evaluator's Name _____ | Evaluator's Signature _____ |

The candidate, given an SCBA, shall demonstrate the correct procedure for filling an SCBA cylinder, both by using a compressor and a cascade system, as outlined in IFSTA Essentials of Fire Fighting and Fire Department Operations, 6TH ed.

| Criteria: | DEPT | INSTR |
|--|----------------|----------------|
| ALL CYLINDERS | | |
| Checks hydrostatic test date of cylinder; removes from service if out of date | | |
| Inspects cylinder for physical damage and place in fragmentation containment device | | |
| Connects fill hose to cylinder; closes bleed valve, if equipped | | |
| Opens SCBA cylinder valve [if necessary] | | |
| COMPRESSOR SYSTEM FILL | | |
| Operates compressor/purifier system according to manufacturer's instructions and specifications | | |
| Opens compressor/purifier system outlet valve | | |
| Sets cylinder pressure on compressor/purifier system to correct pressure for cylinder | | |
| Opens manifold valve and confirms cylinder pressure setting | | |
| Opens fill station valve to begin filling cylinder | | |
| Observes cylinder gauge to ensure fill rate of 300-600 psi per minute and control to avoid overheating/chattering. | | |
| CASCADE SYSTEM FILL | | |
| Opens cascade system manifold or fill hose valve | | |
| Opens cascade system valve with lowest pressure | | |
| Observes cylinder gauge to ensure fill rate of 300-600 psi per minute and control to avoid overheating/chattering | | |
| Closes cascade valve when pressure equalizes | | |
| If cylinder is not full, opens cascade valve on cylinder with next highest pressure. Continue until cylinder is full | | |
| ALL CYLINDERS | | |
| Closes SCBA cylinder valve [if necessary] | | |
| Opens system filler hose bleeder valve and bleeds-off excess pressure | | |
| Disconnects system fill hose from cylinder | | |
| Removes SCBA cylinder from fragmentation containment and returns to service | | |
| Evaluator notes: | INITIAL | INITIAL |



Clean and Inspect Ropes

NFPA 1001 [2013] - 5.5.1

REQUIRES HOME DEPARTMENT SIGN OFF

NYS DIVISION OF HOMELAND SECURITY & EMERGENCY SERVICES

NYS Skill Sheet 8-I-1

| | |
|---------------------------|--------------------------------|
| _____ Candidate's Name | _____ Date |
| _____ Evaluator's Name | _____ Evaluator's Signature |

The firefighter, given fire department ropes and cleaning supplies, shall demonstrate properly cleaning and visually checking fire department life safety or utility rope, in accordance with the manufacturer's directions and as outlined in IFSTA Essentials of Fire Fighting and Fire Department Operations, 6TH ed. **JPR 8-I-1**

| Criteria: | DEPT | INSTR |
|--|----------------|----------------|
| Examine entire surface of the rope for cuts, abrasions, stains, or fraying. | | |
| Examine the inner component of the rope by twisting the rope for laid rope OR feeling for bunching and narrowing of rope diameter for kernmantle constructed rope. | | |
| Verbally explain how to tag and/ or remove damaged rope from service when asked by the evaluator. | | |
| Clean rope using clear water only if synthetic rope. | | |
| Allow rope to dry completely, or state rope must be allowed to dry. | | |
| Perform additional inspection after drying. | | |
| Properly store rope using coil method or rope bag storage. | | |
| | INITIAL | INITIAL |

Evaluator Notes



Emergency Scene Illumination

NFPA 1001 [2013] - 5.3.17

REQUIRES HOME DEPARTMENT

NYS DIVISION OF HOMELAND SECURITY & EMERGENCY SERVICES

NYS Skill Sheet 10-I-1

| | |
|---------------------------|--------------------------------|
| _____ Candidate's Name | _____ Date |
| _____ Evaluator's Name | _____ Evaluator's Signature |

The candidate, given a complete set of PPE and a portable electric generator, electric extension cords, and portable lighting equipment, employing all safety precautions and operating individually, shall illuminate an area(s) as directed by the evaluator in accordance with IFSTA Essentials of Fire Fighting and Fire Department Operations, 6th ed.

| Criteria: | DEPT | INSTR |
|---|----------------|----------------|
| Considers grounding of generator [may be verbalized] | | |
| Assures generator readiness and performance [checks fuel/oil] | | |
| Identifies limitations of power supply equipment [load cannot exceed amperage of circuit breaker, total load cannot exceed output of generator, and fuel dependent] | | |
| Identifies hazards associated with electric generating equipment [wet environment, tight connections, and ventilation of exhaust] | | |
| Operates equipment within manufacturer's guidelines | | |
| Illuminates area(s) as directed | | |
| Clean equipment as needed and remove damaged equipment from service and report to company officer. | | |
| Refuel powered equipment as needed and return to service. | | |
| | INITIAL | INITIAL |

Evaluator Notes:



Hand Tool Maintenance

NFPA 1001 [2013] - 5.5.1

REQUIRES HOME DEPARTMENT SIGN OFF

NYS DIVISION OF HOMELAND SECURITY & EMERGENCY SERVICES

NYS Skill Sheet 11-I-1

| | |
|------------------------|-----------------------------|
| Candidate's Name _____ | Date _____ |
| Evaluator's Name _____ | Evaluator's Signature _____ |

The firefighter, given fire department selected hand tools and cleaning and maintenance supplies, shall demonstrate properly cleaning and visually checking fire department hand tools, in accordance with the manufacturer's directions and as outlined in IFSTA Essentials of Fire Fighting and Fire Department Operations, 6TH ed.

| Criteria: | DEPT | INSTR |
|---|----------------|----------------|
| Wood handles | | |
| Check for cracks, blisters, or splinters | | |
| Sand off any splinters, if needed | | |
| Clean with soapy water, rinse, and dry after use | | |
| Apply coat of boiled linseed oil to the handle if needed | | |
| Check to ensure head of tool is on tight | | |
| Fiberglass handles | | |
| Wash with warm soapy water | | |
| Dry with soft, dry cloth | | |
| Check to ensure head of tool is on tight | | |
| Metal heads and parts | | |
| Checks to ensure cutting edge and striking surfaces are free of chips, burrs or unintended flat spots | | |
| Files the edges by hand using a flat file (does NOT over sharpen cutting edge) | | |
| Remove any dirt or rust with steel wool or emery cloth | | |
| Applies light machine oil to metal surfaces not used for striking surface | | |
| Check to ensure head of tool is on tight | | |
| | INITIAL | INITIAL |

Evaluator Notes



Power Tool Maintenance

NFPA 1001 [2013] - 6.5.2

REQUIRES HOME DEPARTMENT SIGN OFF

NYS DIVISION OF HOMELAND SECURITY & EMERGENCY SERVICES

NYS Skill Sheet 11-I-2

| | |
|---------------------------|--------------------------------|
| _____ Candidate's Name | _____ Date |
| _____ Evaluator's Name | _____ Evaluator's Signature |

The candidate, given a complete set of PPE shall demonstrate cleaning and maintenance of given power equipment, according to manufacturer's recommendations and in accordance with IFSTA Essentials of Fire Fighting and Fire Department Operations, 6TH ed.

| Criteria: | DEPT | INSTR |
|---|----------------|----------------|
| Can operate all supplied equipment within manufacturer's guidelines [changing saw blades/chains] | | |
| Identifies correct fuel and lubricants for supplied power equipment | | |
| Demonstrates fueling and lubricating supplied power equipment | | |
| Demonstrates cleaning procedures for supplied power equipment | | |
| Identifies procedures for reporting defective equipment [verbalized] | | |
| Performs rudimentary preventative maintenance [filter replacement, spark plug replacement, belt replacement, and tightening nuts/bolts] | | |
| | INITIAL | INITIAL |

Evaluator Notes:



Clean, Inspect, and Maintain a Ladder

NFPA 1001 [2013] - 5.5.1

REQUIRES HOME DEPARTMENT SIGN OFF

NYS DIVISION OF HOMELAND SECURITY & EMERGENCY SERVICES

NYS FFI Skill Sheet 12-I-1

| | |
|---------------------------|--------------------------------|
| _____ Candidate's Name | _____ Date |
| _____ Evaluator's Name | _____ Evaluator's Signature |

Description: Students will clean, inspect, and maintain a ladder as described in IFSTA Essentials of Fire Fighting and Fire Department Operations, 6TH ed. following their departmental procedures and manufacturer's guidelines when cleaning, inspecting, and maintaining ladders. Students can refer to pages 690 & 691 for reference.

Equipment Needed: Ladder[s] to be cleaned and inspected, Manufacturer-recommended cleaners and lubricants, Stiff-bristled brush, garden hose, wash bucket, sawhorses, dry cloths, chalk or grease pen, and ladder log.

| Criteria: | DEPT | INSTR |
|---|------|-------|
| Clean | | |
| Place the ladder flat on the sawhorses, lifting and carrying appropriately. | | |
| Clean all parts of the ladder with scrub brush and cleaning solution, removing greasy residues with approved cleaners. | | |
| Rinse the ladder thoroughly with clean water. Dry the ladder thoroughly with clean, dry cloths. | | |
| Inspect | | |
| Inspect each part of the ladder, noting any: a. Looseness b. Cracks or dents c. Unusual wear d. Bent rungs or beams e. Heat damage, deformities or change in sensor label. | | |
| Circle any defects found with chalk or grease pen. | | |
| Inspect the ladder halyard (extension ladders) for: a. Fraying or kinking b. Snugness of cable when in bedded position | | |
| Inspect all movable parts (extension, roof, and pole ladders). | | |
| Maintain | | |
| Lubricate parts as needed and per manufacturer's guidelines. | | |
| Replace halyard if necessary. | | |
| Tag and remove from service for any conditions that cannot be corrected with cleaning, inspection, and simple maintenance. Notify office. | | |
| Record cleaning, inspection, and maintenance performed. | | |
| INITIAL | | |

Evaluator notes on back:



Basic Hose Use

NFPA 1001 [2013] - 5.3.10, 5.5.2, 5.1.1.2, 5.3.1

REQUIRES HOME DEPARTMENT SIGN OFF

NYS DIVISION OF HOMELAND SECURITY & EMERGENCY SERVICES

NYS Skill Sheet 15-I-1, 15-I-2

| | |
|------------------------|-----------------------------|
| Candidate's Name _____ | Date _____ |
| Evaluator's Name _____ | Evaluator's Signature _____ |

The candidate, given appropriate PPE, will couple and uncouple hose in both a one and two firefighter method, inspect and maintain hose, and drain and carry the hose in accordance with IFSTA Essentials of Fire Fighting and Fire Department Operations, 6TH ed. JPR 5.3.10, 5.5.2

The time limit for this skill is 30 minutes:

| Criteria: | DEPT | INSTR |
|--|----------------|----------------|
| COUPLE – ONE-FIREFIGHTER METHOD | | |
| Braces male coupling | | |
| Attaches female coupling | | |
| COUPLE – TWO-FIREFIGHTER METHOD | | |
| FF 1 holds the male coupling with Higbee indicator visible | | |
| FF 2 holds the female coupling, aligns Higbee indicators | | |
| FF 2 connects the couplings while FFI holds the male coupling still | | |
| UNCOUPLE | | |
| Reverse above tasks | | |
| HOSE INSPECTION AND MAINTENANCE | | |
| Check couplings: gaskets, debris, threads, damage | | |
| Check hose surface (both sides): debris, abrasion, burns, other damage | | |
| SINGLE HOSE SECTION DRAIN AND CARRY | | |
| Picks up one coupling and places in belly area | | |
| Coupling rests approximately at the hips | | |
| Holds hose in front of self with both hands | | |
| Feeds hose over shoulder, alternating loops in front and back, while walking | | |
| Candidate walks under hose without dragging hose | | |
| Each loop does not extend past candidate's knee | | |
| Both couplings are held in front of body when finished | | |
| Hose remains on candidate's shoulder throughout procedure | | |
| | INITIAL | INITIAL |

Evaluator Notes on back:



Rolling Hose

NFPA 1001 [2013] - 5.5.2

REQUIRES HOME DEPARTMENT SIGN OFF

NYS DIVISION OF HOMELAND SECURITY & EMERGENCY SERVICES

NYS Skill Sheet 15-I-3, 15-I-4

| | |
|------------------------|-----------------------------|
| Candidate's Name _____ | Date _____ |
| Evaluator's Name _____ | Evaluator's Signature _____ |

The candidate, given appropriate PPE, will demonstrate a straight roll and a donut roll in accordance with IFSTA Essentials of Fire Fighting and Fire Department Operations, 6TH ed. JPR 5.5.2

| Criteria: | DEPT | INSTR |
|--|----------------|----------------|
| STRAIGHT HOSE ROLL | | |
| Lays hose out straight and flat | | |
| Rolls male coupling onto hose, starting the roll, leaving an opening large enough to insert fingers | | |
| Continues rolling, forming an even roll | | |
| As hose roll increases in size, edges are kept aligned | | |
| Checks for uniformity, and any protruding coils are gently tamped into coil | | |
| Finished hose roll is neat and tight, and stays together when lifted | | |
| DONUT HOSE ROLL | | |
| Lays hose out flat and straight, or doubles the hose with couplings even, and hose flat and parallel | | |
| There are no twists in the hose | | |
| Starts roll at a point off-center of hose, toward the male coupling | | |
| Rolls hose toward female coupling [straight method], or toward male coupling [parallel method] | | |
| Leaves sufficient space to insert fingers in roll | | |
| When complete, male coupling is enclosed within roll by one layer of hose only and is behind the female coupling by a minimum of 12" | | |
| Finished hose roll is neat and tight, and stays together when lifted | | |
| | INITIAL | INITIAL |

Evaluator Notes on back:



Load and Advance Accordion Load

NFPA 1001 [2013] - 5.5.2

REQUIRES HOME DEPARTMENT SIGN OFF

NYS DIVISION OF HOMELAND SECURITY & EMERGENCY SERVICES

NYS Skill Sheet 15-I-6

| | |
|------------------|-----------------------|
| Candidate's Name | Date |
| Evaluator's Name | Evaluator's Signature |

The candidate, given appropriate PPE, will demonstrate the procedure for loading and advancing an accordion load in accordance with IFSTA Essentials of Fire Fighting and Fire Department Operations, 6TH ed. **JPR 5.5.2**

| Criteria: | DEPT | INSTR |
|--|----------------|----------------|
| LOADING | | |
| Lays first length in bed against partition, on edge, with female coupling in front corner | | |
| Lays additional lengths parallel to first, on edge, from back to front of hose bed | | |
| First bend of hose is even with back edge of hose bed | | |
| Every other bend is recessed approximately 2" from adjacent bend | | |
| Hose is laid so that all couplings will pull straight out of hose bed without turning | | |
| Hose is loaded so that couplings are not adjacent | | |
| ADVANCING | | |
| Ensures proper appliance is attached at end of hose | | |
| Selects proper amount of hose to be pulled | | |
| Pulls proper amount of hose halfway out and places it on shoulder with the appliance on the bottom | | |
| Pulls additional hose allowing it to be dragged prior to using shoulder load | | |
| At the point where shoulder load is to be deployed, allows hose to flake off one fold at a time while moving forward | | |
| | INITIAL | INITIAL |

Evaluator Notes on back:



Load and Advance Triple Layer Load

NFPA 1001 [2013], 5.5.2; 5.3.10

REQUIRES HOME DEPARTMENT SIGN OFF

NYS DIVISION OF HOMELAND SECURITY & EMERGENCY SERVICES

NYS Skill Sheet 15-I-10, 15-I-14

| | |
|------------------------|-----------------------------|
| Candidate's Name _____ | Date _____ |
| Evaluator's Name _____ | Evaluator's Signature _____ |

The candidate, given appropriate PPE, will demonstrate the procedure for loading and advancing the triple layer load in accordance with IFSTA Essentials of Fire Fighting and Fire Department Operations, 6TH ed. **JPR 5.5.2, 5.3.10**

The time limit for this station is 15 minutes

| Criteria: | DEPT | INSTR |
|--|----------------|----------------|
| LOADING | | |
| Assures all sections of hose are joined | | |
| Connects nozzle to hose | | |
| Attach the female coupling to the discharge outlet | | |
| Extends hose in a straight line away from engine | | |
| Picks up hose at a point 2/3 of distance to nozzle end | | |
| Carries fold toward engine and lays carried hose on top of first part of hose | | |
| Forms three layers of hose, stacked one on the other, with fold at each end | | |
| Uses assistants to help simultaneously load all three layers into engine hose bed | | |
| Three layers stay together throughout loading | | |
| Stagger folds | | |
| Continues laying hose into the bed until the entire length is loaded, slips fold thru bail of nozzle (if bail is large enough) | | |
| ADVANCING | | |
| Places first fold with nozzle over the shoulder while facing in the direction of travel | | |
| Advances hose until entire load has cleared the bed | | |
| Drops fold and advances nozzle to objective | | |
| | INITIAL | INITIAL |

Evaluator Notes on back:



Load and Advance Minuteman Load

NFPA 1001 [2013] - 5.5.2; 5.3.10

REQUIRES HOME DEPARTMENT SIGN OFF

NYS DIVISION OF HOMELAND SECURITY & EMERGENCY SERVICES **NYS Skill Sheet 15-I-11, 15-I-14**

| | |
|------------------|-----------------------|
| Candidate's Name | Date |
| Evaluator's Name | Evaluator's Signature |

The candidate, given appropriate PPE, will demonstrate the procedure for loading and advancing the minuteman load in accordance with IFSTA Essentials of Fire Fighting and Fire Department Operations, 6TH ed. **JPR 5.5.2, 5.3.10**

The time limit for this station is 15 minutes

| Criteria: | DEPT | INSTR |
|--|----------------|----------------|
| LOADING | | |
| Attaches the female coupling to the discharge outlet | | |
| Flat lays the first half of the total hose length providing a pulling loop near the bottom of the load and leaving the last few feet outside of the bed | | |
| Attaches the nozzle to the remaining hose and continues the flat load with the nozzle end of the hose extended out the rear to be used as a pulling handle | | |
| At the completion of the flat load, connects the last section of hose to the end of the bottom section of hose left outside the bed in step #2 so that the connected sections are on the top layer | | |
| ADVANCING | | |
| Lifts up the nozzle and layers above it while pulling them out of the bed and placing | | |
| Steps away to remove the remainder of the top layers | | |
| Turns around and pulls the loop to remove the remaining layers while walking | | |
| When the bottom layers are fully stretched, allows the shoulder load to flake out while | | |
| | INITIAL | INITIAL |

Evaluator Notes on back:



Donning Personal Protective Equipment

NFPA 1001 [2013] - 5.1.2, 5.3.1, 5.3.2, 5.3.3

NYS DIVISION OF HOMELAND SECURITY & EMERGENCY SERVICES

NYS Skill Sheet 6-I-1

| | |
|------------------------|-----------------------------|
| Candidate's Name _____ | Date _____ |
| Evaluator's Name _____ | Evaluator's Signature _____ |

The candidate, given a complete set of PPE, will don full personal protective equipment, according to manufacturer's recommendations, within 1 minute as outlined in IFSTA Essentials of Fire Fighting and Fire Department Operations, 6TH ed.

Time limit for this station is 1 minute. Timing starts when the candidate first touches any article of turnout gear after telling the evaluator they are ready to start.

| Criteria: | Pass | Fail |
|---|------|------|
| Don Boots and Pants [includes all fasteners and suspenders]. | | |
| Don Protective hood. | | |
| Don Coat with closure secure and collar up. | | |
| Don helmet with eye protection on and chin strap in place and fastened. | | |
| Don structural firefighting gloves [no skin at wrist exposed]. | | |

Evaluator Notes



One Person SCBA Bottle Change

NFPA 1001 [2013] - 5.3.1

NYS DIVISION OF HOMELAND SECURITY & EMERGENCY SERVICES

NYS Skill Sheet 6-I-10

| | |
|------------------------|-----------------------------|
| Candidate's Name _____ | Date _____ |
| Evaluator's Name _____ | Evaluator's Signature _____ |

The candidate, given an SCBA, shall demonstrate the one person method for changing an SCBA cylinder as outlined in IFSTA Essentials of Fire Fighting and Fire Department Operations, 6TH Edition.

| Criteria: | Pass | Fail |
|---|------|------|
| Place SCBA unit on a firm, clean surface. | | |
| Fully close the cylinder valve. | | |
| Release air pressure from high and low pressure hoses. | | |
| Disconnect the high pressure coupling from the cylinder. | | |
| Remove the empty cylinder from the harness assembly. | | |
| Verify the replacement cylinder is 90-100 percent of rated capacity. | | |
| Check cylinder valve opening and the high pressure hose fitting for debris and O ring. | | |
| Place new cylinder into the backpack. | | |
| Connect the high pressure hose to the cylinder and hand tighten. | | |
| Slowly and fully open the cylinder valve and listen for an audible alarm [if equipped] and leaks as the system pressurizes. | | |
| Don regulator and take normal breaths. | | |
| Check pressure reading on remote gauge and heads-up display and report readings. | | |

Evaluator Notes



Two Person SCBA Bottle Change

NFPA 1001 [2013] 5.3.1

NYS DIVISION OF HOMELAND SECURITY & EMERGENCY SERVICES

NYS Skill Sheet 6-I-11

| | |
|------------------------|-----------------------------|
| Candidate's Name _____ | Date _____ |
| Evaluator's Name _____ | Evaluator's Signature _____ |

The candidate, given an SCBA still on another firefighter's back, shall demonstrate the two person method for changing an SCBA cylinder as outlined in IFSTA Essentials of Fire Fighting and Fire Department Operations, 6TH Edition.

| Criteria: | Pass | Fail |
|---|------|------|
| Disconnect the regulator from the facepiece or disconnect the low pressure hose from the regulator. | | |
| Position the cylinder for easy access by kneeling down or bending over. | | |
| Fully close the cylinder valve. | | |
| Release air pressure from high and low pressure hoses. | | |
| Disconnect the high pressure coupling from the cylinder. | | |
| Remove the empty cylinder from the harness assembly. | | |
| Verify the replacement cylinder is 90-100 percent of rated capacity. | | |
| Place new cylinder into the backpack. | | |
| Check cylinder valve opening and the high pressure hose fitting for debris and O ring. Purge if necessary. | | |
| Connect the high pressure hose to the cylinder and hand tighten. | | |
| Slowly and fully open the cylinder valve and listen for an audible alarm [if equipped] and leaks as the system pressurizes. | | |
| If air leaks are detected, determine if connections need to be tightened or if valves, donning switch, etc. need to be adjusted. Otherwise SCBA will be removed from service, tagged and reported to company officer. | | |
| Don regulator and take normal breaths. | | |
| Check pressure reading on remote gauge and heads-up display and report readings. | | |

Evaluator Notes



Tying Knots

NFPA 1001 [2013] - 5.1.2, 5.3.1, 5.3.2, 5.3.3

NYS DIVISION OF HOMELAND SECURITY & EMERGENCY SERVICES **NYS Skill Sheet 8-I-2 thru 8-I-12**

| | |
|------------------------|-----------------------------|
| Candidate's Name _____ | Date _____ |
| Evaluator's Name _____ | Evaluator's Signature _____ |

The candidate, given a section of rope, shall demonstrate the correct procedure for tying the knots as outlined here, while wearing gloves in accordance with IFSTA Essentials of Fire Fighting and Fire Department Operations, 6TH ed., **JPR 8-I-2; 8-I-3; 8-I-4; 8-I-5; 8-I-6; 8-I-7; 8-I-8; 8-I-9; 8-I-10; 8-I-11; 8-I-12**

Time limits for this station are listed with each individual skill, and skills may be completed in any order. Student shall have a total of three attempts to meet the standard.

| Criteria: | Pass | Fail |
|---|------|------|
| BOWLINE AROUND OBJECT | | |
| Tied correctly within 20 seconds | | |
| CLOVE HITCH IN THE OPEN | | |
| Tied correctly within 10 seconds | | |
| CLOVE HITCH ON HORIZONTAL OBJECT | | |
| Tied correctly within 20 seconds | | |
| HANDCUFF [RESCUE] KNOT | | |
| Tied correctly within 10 seconds | | |
| FIGURE '8' IN THE END OF ROPE | | |
| Tied correctly within 10 seconds | | |
| FIGURE '8' BEND | | |
| Tied correctly within 30 seconds | | |
| FIGURE '8' ON A BIGHT | | |
| Tied correctly within 20 seconds | | |
| FIGURE '8' FOLLOW THROUGH | | |
| Tied correctly within 30 seconds | | |
| BECKET BEND | | |
| Tied correctly within 20 seconds | | |
| WATER KNOT | | |
| Tied correctly within 30 seconds | | |

Evaluator Notes



Hoisting Tools and Equipment

NFPA 1001 [2013] - 5.3.20

NYS DIVISION OF HOMELAND SECURITY & EMERGENCY SERVICES

NYS Skill Sheet 8-I-13 to 8-I-18

| | |
|---------------------------|--------------------------------|
| _____ Candidate's Name | _____ Date |
| _____ Evaluator's Name | _____ Evaluator's Signature |

The candidate, given a complete set of PPE, shall correctly tie five (5) of the six (6) items listed for hoisting in accordance with IFSTA, Essentials of Fire Fighting and Fire Department Operations, 6TH ed.
JPR 8-I-13; 8-I-14; 8-I-15; 8-I-16; 8-I-17; 8-I-18

Time limit for each item is one minute

| Criteria: | Pass | Fail |
|--|------|------|
| Tie for hoisting an axe | | |
| Tie for hoisting a pike pole | | |
| Tie for hoisting a roof ladder | | |
| Tie for hoisting a section of 1¾" hose with nozzle (uncharged) | | |
| Tie for hoisting a section of 1¾" hose with nozzle (charged) | | |
| Tie for hoisting a power saw | | |

Evaluator Notes:



Victim Carries and Drags

NFPA 1001 [2013] - 5.3.9

NYS DIVISION OF HOMELAND SECURITY & EMERGENCY SERVICES

NYS Skill Sheet 9-I-3, 5, 6, 7,

| | |
|------------------------|-----------------------------|
| Candidate's Name _____ | Date _____ |
| Evaluator's Name _____ | Evaluator's Signature _____ |

The candidate, given a complete set of PPE, shall demonstrate proper victim moving techniques using the extremity carry, seat carry, blanket drag, and clothing drag in accordance with IFSTA, Essentials for Fire Fighting and Fire Department Operations, 6TH ed. The student may use an assistant; however, the student must instruct the assistant as if he/she had no prior knowledge.

Time limit for this station is 15 minutes.

| Criteria: | Pass | Fail |
|---|------|------|
| EXTREMITY CARRY | | |
| Rescuer 1 lays the victim on his back and kneels at the victim's feet. | | |
| Rescuer 1 grabs the victim's arms and pulls them into a seated position with knees bent. | | |
| Rescuer 2 kneels behind the victim and crosses the victim's arms across chest and reaches under arm pits and grabs the victim's wrists. | | |
| Rescuer 1 faces away from the victim and kneels at the victim's feet. | | |
| With back straight and using leg muscles, both rescuers lift together and carry victim to destination | | |
| SEAT CARRY | | |
| Rescuers face each other and grasps own right forearm just above the wrist. | | |
| Rescuers then grasp each other's left forearm and kneel onto the ground on one knee. | | |
| Victim is instructed to sit on rescuers' joined arms and rescuers lift together. | | |
| BLANKET DRAG | | |
| With victim laying face up, blanket or other similar item is laid alongside the victim with half of the blanket gathered close to the victim's body. | | |
| Raise the victim's arm closest to the rescuer, roll the victim onto his side closest to rescuer, and tuck the gathered blanket material close to the victim's body. | | |
| Roll the victim onto his back on the blanket, pull blanket material toward rescuer and wrap it onto victim. | | |
| Rescuer steps to head of victim and grabs blanket and drags victim head first while slightly lifting blanket. | | |
| CLOTHING DRAG | | |
| Place the victim on the back, arrange clothing to provide support to the head and neck. | | |
| Grasp top of the victim's clothing on each side of the victim's head, supporting the head with rescuer's forearms. Keep victim's head low to the floor and pull victim to safety. | | |

Evaluator Notes on Back



Placing a Patient on a Backboard and Stokes Basket

NFPA 1001 [2013] - 5.3.9

NYS DIVISION OF HOMELAND SECURITY & EMERGENCY SERVICES

NYS Skill Sheet 9-I-17

| | |
|------------------------|-----------------------------|
| Candidate's Name _____ | Date _____ |
| Evaluator's Name _____ | Evaluator's Signature _____ |

The candidate, given a backboard and a stokes basket, shall while working as a team, demonstrate placing a victim on a backboard and into a stokes basket in accordance with IFSTA, Essentials of Fire Fighting and Fire Department Operations, 6TH ed. Candidate will be assisted by a trained rescuer who will conduct patient assessment and properly secure patient to backboard.

Time limit for this station is 15 minutes.

| Criteria: | Pass | Fail |
|--|------|------|
| PLACING A PATIENT ON A BACKBOARD | | |
| While wearing appropriate PPE, candidate maintains manual stabilization while trained rescuer checks pulse, movement, and sensation. | | |
| Cervical Collar is applied by trained rescuer while maintaining manual stabilization. | | |
| Two additional candidates take position at patient's shoulder and pelvis, reaching across the patient and grasping the patient's shoulder and pelvis respectively. | | |
| On command of the candidate holding manual stabilization, the team rolls the patient onto the patient's side. | | |
| Trained rescuer places the backboard under the patient. | | |
| On command, the team rolls the patient onto the backboard. | | |
| Once patient is centered on the backboard, the trained rescuer secures the patient to the backboard and checks pulse, movement, and sensation. | | |
| PLACING A PATIENT IN A STOKES BASKET | | |
| Communicate with partner before lifting. | | |
| Candidates should lift together and place backboard in stokes basket. | | |
| Candidates secure patient in stokes basket with straps if available. | | |
| Four candidates properly lift stokes basket and carry a distance of 50' and place on the ground. | | |

Evaluator Notes



Operating Portable Fire Extinguishers

NFPA 1001 [2013] - 5.3.16

DIVISION OF HOMELAND SECURITY & EMERGENCY SERVICES

NYS Skill Sheet 7-I-1, 7-I-2, 7-I-3

| | |
|---------------------------|--------------------------------|
| _____ Candidate's Name | _____ Date |
| _____ Evaluator's Name | _____ Evaluator's Signature |

The candidate, given a complete set of PPE, shall choose the correct type of fire extinguisher when given a specific fire situation; and while wearing complete PPE, shall demonstrate proper fire extinguishment techniques in accordance with the IFSTA Essentials of Fire Fighting and Fire Department Operations, 6TH ed.

Time limit for this station is 7 minutes.

| Criteria: | Pass | Fail |
|--|------|------|
| Wears complete PPE | | |
| Identifies appropriate class of fire "A", "B", "C", "D", "K" | | |
| Correct fire extinguisher/agent is selected | | |
| Verbalizes disrupting electrical current prior to extinguishing (class "C" fires only) | | |
| Assures operation prior to using (fully charged and test fire extinguisher) | | |
| Uses P-A-S-S method fore extinguisher use | | |
| Extinguishes fire (proper technique and faces fire when retreating) | | |

Evaluator Notes



Single Firefighter – Single Ladder – Low-shoulder Carry

NFPA 1001 [2013] - 5.3.6

NYS DIVISION OF HOMELAND SECURITY & EMERGENCY SERVICES

NYS Skill Sheet 12-I-2

| | |
|------------------------|-----------------------------|
| Candidate's Name _____ | Date _____ |
| Evaluator's Name _____ | Evaluator's Signature _____ |

Description: Student while following the proper lifting techniques will carry a single ladder while using the low-shoulder method as described in IFSTA Essentials of Firefighting and Fire Department Operations, 6TH ed. The student should carry the ladder at a minimum of 20' (feet).

Equipment Needed: 14' single ladder preferred including appropriate personal protective equipment for the firefighter.

| Criteria: | Pass | Fail |
|--|-------------|-------------|
| Position yourself at lifting point near the center of the ladder. | | |
| Kneel beside the ladder; a. At lifting point b. Facing ladder tip c. On knee closest to ladder | | |
| Grasp the ladder rung opposite your knee; a. With hand closest to ladder b. Palm forward | | |
| Stand the ladder on edge; a. Pivot on nearer beam, raising the farther beam | | |
| Stand up; a. Use leg muscles, keep back straight and vertical | | |
| Reposition yourself for carrying; a. As ladder is brought up, pivot toward butt end of ladder b. Insert other arm through rungs. | | |
| Position ladder for carrying; a. Upper beam resting on shoulder b. Butt end lowered slightly c. Steadied with both hands. | | |
| Lower the ladder to the ground; a. Reverse lifting procedure b. Body and toes parallel to ladder. | | |

Evaluator Notes



Two Firefighters – Low-shoulder Carry

NFPA 1001 [2013] - 5.3.6

NYS DIVISION OF HOMELAND SECURITY & EMERGENCY SERVICES

NYS Skill Sheet 12-I-3

| | |
|------------------------|-----------------------------|
| Candidate's Name _____ | Date _____ |
| Evaluator's Name _____ | Evaluator's Signature _____ |

Description: Two-Students while following the proper lifting techniques will carry an extension ladder while using the low-shoulder method as described in IFSTA Essentials of Fire Fighting and Fire Department Operations, 6TH ed. The students should carry the ladder at a minimum of 20 feet.

Equipment Needed: 24' extension or single ladder preferred including appropriate personal protective equipment for the firefighter.

| Criteria: | Pass | Fail |
|--|------|------|
| Firefighters #1 and #2: Kneel on the same side of the ladder, one at either end, facing the tip. Firefighter #1 will be closest to the butt end and Firefighter #2 will be towards the tip end. a. The knee closest to the ladder is the one touching the ground. | | |
| Firefighter #1: Give the command "Prepare to beam." | | |
| Both Firefighters: Grasp the ladder beam away from your body. | | |
| Firefighter #1: Give the command to "Beam." | | |
| Both Firefighters: Pull the ladder into position against them, resting the ladder on its beam. | | |
| Firefighter #1: Give the command "Prepare to shoulder the ladder." | | |
| Firefighter #1: Give the command "Shoulder the ladder." | | |
| Both Firefighters: Stand erect, lifting smoothly and continuously. | | |
| Both Firefighters: Pivot to face toward the butt end, extending free arm between two rungs to place beam onto shoulders at the same time. | | |
| Firefighter #1: Gives the command to "Advance". Note: This is described differently in your text books on page 693. It labels FF2 as the one now in command since he is facing the butt end. Whoever is facing the butt end is always in command. | | |

Evaluator Notes



Three Firefighters – Flat Shoulder Carry Method

NFPA 1001 [2013] 5.3.6

NYS DIVISION OF HOMELAND SECURITY & EMERGENCY SERVICES

NYS Skill Sheet 12-I-4

| | |
|------------------------|-----------------------------|
| Candidate's Name _____ | Date _____ |
| Evaluator's Name _____ | Evaluator's Signature _____ |

Description: Three-Students while following the proper lifting techniques will carry an extension ladder while using the flat-shoulder method as described in IFSTA Essentials of Fire Fighting and Fire Department Operations, 6TH ed. The students should carry the ladder at a minimum of 20 feet.

Equipment Needed: 35' extension ladder preferred including appropriate personal protective equipment for the firefighters.

| Criteria: | Pass | Fail |
|---|------|------|
| Firefighters #1 and #2: Kneel on the same side of the ladder, one at either end, facing the tip. Firefighter #1 will be closest to the butt end and Firefighter #2 will be towards the ladder tip. a. The knee closest to the ladder is the one touching the ground. | | |
| Firefighter #3: Kneel on the opposite side at midpoint, also facing the ladder tip. a. The knee closest to the ladder is the one touching the ground. | | |
| All Firefighters: Grasp a rung with the near hand, palm rearward. | | |
| Firefighter #1: Give the command "Prepare to shoulder the ladder." | | |
| Firefighter #1: Give the command "Shoulder the ladder." | | |
| All Firefighters: Stand erect, lifting smoothly and continuously. | | |
| All Firefighters: Pivot to face toward the butt when the ladder is about chest high. | | |
| All Firefighters: Extend arm through the ladder to place the beam onto shoulders. | | |
| Firefighter #1: Gives the command to "Advance". Note: This is described differently in your text books on page 694. It labels FF2 as the one now in command since he is facing the ladder tip. Whoever is facing the butt end is always in command. | | |

Evaluator Notes



Three Firefighters – Flat Arm Carry Method

NFPA 1001 [2013] - 5.3.6

NYS DIVISION OF HOMELAND SECURITY & EMERGENCY SERVICES

NYS Skill Sheet 12-I-5

| | |
|------------------------|-----------------------------|
| Candidate's Name _____ | Date _____ |
| Evaluator's Name _____ | Evaluator's Signature _____ |

Description: Three-Students while following the proper lifting techniques will carry an extension ladder while using the flat-arm's length method as described in IFSTA Essentials of Fire Fighting and Fire Department Operations, 6TH ed. The students should carry the ladder at a minimum of 20 feet.

Equipment Needed: 35' extension ladder preferred including appropriate personal protective equipment for the firefighters.

| Criteria: | Pass | Fail |
|---|------|------|
| Firefighters #1 and #2: Kneel on the same side of the ladder, one at either end, facing the tip. Firefighter #1 will be closest to the butt end and Firefighter #2 will be towards the ladder tip. a. The knee closest to the ladder is the one touching the ground. | | |
| Firefighter #3: Kneel on the opposite side at midpoint, also facing the butt end. a. The knee closest to the ladder is the one touching the ground. | | |
| All Firefighters: Grasp a rung with the near hand, palm rearward. | | |
| Firefighter #1: Give the command "Prepare to lift the ladder." | | |
| Firefighter #1: Give the command "Lift the ladder." | | |
| All Firefighters: Lift the ladder smoothly and continuously to arm's length using leg muscles to stand erect. | | |
| Firefighter #1: Gives the command to "Advance". Note: This is described differently in your text books on page 695. It labels FF2 as the one now in command throughout the skill. Whoever is facing the butt end is always in command. | | |

Evaluator Notes



Two-Firefighters Arm's Length on Edge Method

NFPA 1001 [2013] - 5.3.6

NYS DIVISION OF HOMELAND SECURITY & EMERGENCY SERVICES

NYS Skill Sheet 12-I-6

| | |
|------------------------|-----------------------------|
| Candidate's Name _____ | Date _____ |
| Evaluator's Name _____ | Evaluator's Signature _____ |

Description: Two-Students while following the proper lifting techniques will carry an extension ladder while using the flat-arm's length method as described in IFSTA Essentials of Fire Fighting and Fire Department Operations, 6TH ed. The students should carry the ladder at a minimum of 20 feet.

Equipment Needed: 24' extension ladder preferred including appropriate personal protective equipment for the firefighters.

| Criteria: | Pass | Fail |
|--|------|------|
| Both Firefighters: Kneel on the same side of the ladder, one at either end, facing the ladder butt end. Firefighter #1 will be closest to the butt end and Firefighter #2 will be towards the ladder tip. a. The knee closest to the ladder is the one touching the ground. | | |
| Firefighter #1: Give the command "Prepare to beam." | | |
| Both Firefighters: Pull the ladder into position against them, resting the ladder on its beam. | | |
| Once ladder is in position, Firefighter #1, with clear view of Firefighter #2, gives the command "Prepare to lift the ladder." | | |
| Both Firefighters: Grasp the top beam of the ladder with the hand closest to the beam. | | |
| Firefighter #1: Give the command "Lift the ladder." | | |
| Both Firefighters: Lift the ladder smoothly and continuously to arm's length using leg muscles to stand erect. | | |
| Firefighter #1: Gives the command to "Advance". Note: This is described differently in your text books on page 696. It labels FF2 as the one now in command throughout the skill. Whoever is facing the butt end is always in command. | | |

Evaluator Notes



One Firefighter Flat Ladder Raise; Climb Ladder and Perform Leg Lock

NFPA 1001 [2013] - 5.3.6

NYS DIVISION OF HOMELAND SECURITY & EMERGENCY SERVICES

NYS Skill Sheet 12-I-8 and 12-I-17

| | |
|------------------------|-----------------------------|
| Candidate's Name _____ | Date _____ |
| Evaluator's Name _____ | Evaluator's Signature _____ |

Description: Student will demonstrate how to raise a single ladder from the low-shoulder beam carry position, climb ladder and perform a leg lock as described in IFSTA Essentials of Fire Fighting and Fire Department Operations, 6TH ed.

Equipment Needed: Single ladder including appropriate personal protective equipment for the firefighter.

| Criteria: | Pass | Fail |
|---|-------------|-------------|
| Visually inspect the work area. a. Terrain for solid, level footing b. Overhead for electrical wires and obstructions | | |
| Lower the ladder butt end to the ground. a. Position both spurs against the wall where it is to be raised b. Ladder should be perpendicular to the wall | | |
| Position yourself to raise the ladder. a. Lift the tip of the ladder stepping under the beams grasping the top rung b. Advance hand over hand down the rungs towards the butt end until the ladder is vertical against the structure | | |
| Carefully move the ladder butt end out from the building to the desired climbing angle. a. Push against an upper rung b. Pull a lower rung | | |
| Climb ladder and perform leg lock a. Advance one rung higher than desired height b. Slide leg opposite side from working side over and below the rung to be locked into. c. Hook the foot either on the rung or the beam. d. Rest on thigh and step down with the opposite leg. | | |
| Lower the ladder, reversing the raising procedure. | | |

Evaluator notes on back



Two Firefighter Flat Ladder Raise and Halyard Tie Off

NFPA 1001 [2013] - 5.3.6

NYS DIVISION OF HOMELAND SECURITY & EMERGENCY SERVICES

NYS Skill Sheet 12-I-7 and 12-I-9

| | |
|------------------------|-----------------------------|
| Candidate's Name _____ | Date _____ |
| Evaluator's Name _____ | Evaluator's Signature _____ |

Description: Students will demonstrate how to raise an extension ladder from the ground in the flat position and tie the halyard as described in IFSTA Essentials of Fire Fighting and Fire Department Operations, 6TH ed.

Equipment Needed: Extension ladder including appropriate personal protective equipment for the firefighters.

| Criteria: | Pass | Fail |
|---|------|------|
| Both Firefighters: Place the ladder flat on the ground with the butt end toward the structure and approximately 1/4 the usable height from the building. | | |
| Firefighter #2: Check for overhead obstructions and wires. Lift the tip of the ladder stepping under the beams and grasp the top rung. | | |
| Firefighter #1: Heel the ladder by standing on the bottom rung or by placing the toes or insteps on the beam. Lean back. | | |
| Firefighter #2: Advance hand-over-hand down the rungs toward the butt end until the ladder is in a vertical position. | | |
| Firefighter #1: Grasp successively higher rungs or higher on the beams as the ladder comes to a vertical position until standing upright. | | |
| Both Firefighters: Stand on opposite sides of the ladder and heel the ladder by placing toes against the same beam. | | |
| Firefighter #2: Grasp the beams, ensuring fingers and hands are on the outside of the beams. | | |
| Firefighter #1: Untie and grasp the halyard. Extend the fly section with a hand-over-hand motion until the tip reaches the desired elevation and engages the ladder locks. | | |
| Both Firefighters: Lower the ladder gently into position against the structure. | | |
| Firefighter #2: Place both feet against the butt spurs or on the bottom rung, grasp the rung or beams, and check climbing angle. | | |
| Firefighter # 1: Wrap the excess halyard around two convenient rungs and pull tight. Hold the halyard between the thumb and forefinger with the palm down. Turn the palm hand up. Push the halyard underneath and back over the top of the rung. Grasp the halyard with the thumb and fingers and pull it through the loop, making a clove hitch. | | |
| Finish by making a half-hitch or overhand safety on top of the clove hitch. | | |
| Both Firefighters: Reverse the steps to lower the ladder. | | |

Evaluator notes on back:



Two Firefighter Beam Raise and Heel Ladder

NFPA 1001 [2013] 5.3.6

NYS DIVISION OF HOMELAND SECURITY & EMERGENCY SERVICES

NYS Skill Sheet 12-I-10 and 12-I-16

| | |
|------------------------|-----------------------------|
| Candidate's Name _____ | Date _____ |
| Evaluator's Name _____ | Evaluator's Signature _____ |

Description: Students will demonstrate how to raise an extension ladder from the ground in the beam position and properly heel the ladder as described in IFSTA Essentials of Firefighting and Fire Department Operations, 6TH ed.

Equipment Needed: Extension ladder including appropriate personal protective equipment for the firefighters.

| Criteria: | Pass | Fail |
|--|------|------|
| Firefighter #1: Place the ladder beam on the ground approximately 1/4 the usable height from the building. | | |
| Both firefighters: Check for overhead obstructions and wires. | | |
| Firefighter #2: Rest the ladder beam on one shoulder. | | |
| Firefighter #1: Heel the ladder by placing the foot closest to the lower beam on the lower beam at the butt end. Grasp the upper beam with hands apart and the other foot extended back to act as a counterbalance | | |
| Firefighter #2: Advance hand-over-hand down the beam toward the butt end until the ladder is in a vertical position. | | |
| Both firefighters: Pivot the ladder to properly position the fly section. | | |
| Firefighter #1: Untie and grasp the halyard. Extend the fly section with a hand-over-hand motion until the tip reaches the desired elevation. Engage the ladder locks. | | |
| Both firefighters: Lower the ladder gently into position against the structure. | | |
| Firefighter #2: Place both feet against the butt spurs or on the bottom rung, grasp the rung or beams, and check climbing angle. Firefighter # 1: Tie the halyard | | |
| Firefighter # 1: Foot the ladder using either the under the ladder method or in front of ladder method. | | |
| Under Ladder Method: Grasp the beams [not rungs] at about eye level and pull back to press the ladder against building. | | |
| In Front Method: Stand on outside of ladder and chock the butt end by either placing toes against the butt spur or place foot on bottom rung. Grasp the beams and press ladder against the building. | | |
| With either method remain alert for falling objects or debris. When standing behind ladder do not look up while others are climbing the ladder. | | |
| Both firefighters: Reverse the steps to lower the ladder. | | |

Evaluator notes on back



Assist a Conscious Victim Down a Ground Ladder

NFPA 1001 [2013] - 5.3.9

NYS DIVISION OF HOMELAND SECURITY & EMERGENCY SERVICES

NYS Skill Sheet NY12-I-18

| | |
|------------------------|-----------------------------|
| Candidate's Name _____ | Date _____ |
| Evaluator's Name _____ | Evaluator's Signature _____ |

The Firefighter, given a set of turn out gear, ground ladder, and simulated victim shall demonstrate the safe and proper method of victim removal from a window when the victim comes out the window head first or feet first as described in IFSTA Essentials of Fire Fighting and Fire Department Operations, 6TH ed. When using live victims for this skill, the skill shall be demonstrated at or about 6 rungs from the ground. The simulated live victim shall not be transferred from the window to the ground without a safety harness in place.

| Criteria: | Pass | Fail |
|--|------|------|
| Firefighter will position at or below window and prepare to receive the victim. | | |
| Firefighter will position both feet on one rung of the ladder.. | | |
| Victim will be guided out the window onto the ladder feet first while facing the building. | | |
| Firefighter will place both of his/ her forearms under the victim's armpits with their hands on ladder rungs in front of the victim. | | |
| The Firefighter will descend the ladder one rung at a time supporting and reassuring the victim. | | |
| The victim is guided to the ground and then supported for removal from the hazard area. | | |

Evaluator notes on back



Cradle Carry an Unconscious Victim Down a Ground Ladder

NFPA 1001 [2013] - 5.3.9

NYS DIVISION OF HOMELAND SECURITY & EMERGENCY SERVICES

NYS Skill Sheet NY12-I-19

| | |
|------------------------|-----------------------------|
| Candidate's Name _____ | Date _____ |
| Evaluator's Name _____ | Evaluator's Signature _____ |

The Firefighter, given a set of turn out gear, ground ladder, and simulated victim shall demonstrate the safe and proper method of victim removal from a window when the victim comes out the window head first or feet first. This skill is not described in IFSTA Essentials of Fire Fighting and Fire Department Operations, 6TH ed. When using live victims for this skill, the skill shall be demonstrated at or about 6 rungs from the ground. The simulated live victim shall not be transferred from the window to the ground without a safety harness in place.

| Criteria: | Pass | Fail |
|---|------|------|
| Cradle Carry Victim Head First (with mannequin only) | | |
| Firefighter will position at or below window and prepare to receive the victim. | | |
| Firefighter will position victim with head to one side of the ladder. | | |
| Firefighter will place one forearm alongside the victim's neck and firmly against the lower shoulder while grasping the beam of the ladder in order to hold the weight of the victim's upper torso. | | |
| Firefighter's second arm is then placed under the victim's top leg into the groin area of the victim and grasp the beam of the ladder to support the weight of the lower torso and legs. | | |
| Firefighter, while leaning on the victim, will slide the victim down the ladder in a controlled manner until reaching the base of the ladder. | | |
| Once they reach the base of the ladder, the firefighter is assisted by additional rescuers in moving the victim to the ground or to an awaiting stretcher or backboard.. | | |
| Cradle Carry Victim Feet First | | |
| Firefighter will position at or below the window and prepare to receive victim. | | |
| Firefighter will guide the victim's feet to one side of the ladder. | | |
| Firefighter will place one forearm under the victim's top leg into the groin area of the victim and grasp the beam of the ladder to support the weight of the lower torso and legs. | | |
| Firefighter will place the second forearm under the victim's armpit and grasp the beam of the ladder to hold the weight of the victim's upper torso. | | |
| Firefighter, while leaning into the victim, will slide victim down the ladder in a controlled manner until reaching the base of the ladder. | | |
| Once they reach the base of the ladder, the firefighter is assisted by additional rescuers in moving the victim to the ground or to an awaiting stretcher or backboard. | | |

Evaluator notes on back



Water Supply: Hydrant Connection for Forward Lay

NFPA 1001 [2013] – 5.3.15, 5.5.2

NYS DIVISION OF HOMELAND SECURITY & EMERGENCY SERVICES

NYS Skill Sheet 14-I-1, 2, 15-I-12

| | |
|------------------------|-----------------------------|
| Candidate's Name _____ | Date _____ |
| Evaluator's Name _____ | Evaluator's Signature _____ |

The candidate, given appropriate PPE, will demonstrate connecting a section of hose to an engine and the fire hydrant, and, when instructed by the evaluator, shall close and drain the hydrant and disconnect the section of hose for both a forward hose lay in accordance with IFSTA Essentials of Fire Fighting and Department Operations, 6TH ed. **JPR 5.3.15, 5.5.2**

Time limit for this station is 15 minutes.

| Criteria: | Pass | Fail |
|---|------|------|
| HYDRANT HOOK-UP | | |
| Takes appropriate amount of hose and all equipment necessary to make hydrant connection | | |
| Wraps hose around hydrant | | |
| Places foot on hose and signals driver to proceed | | |
| Removes caps | | |
| Flushes hydrant | | |
| Connects hose to hydrant outlet closest to fire | | |
| Connects to largest outlet able to be utilized <i>[unless directed otherwise]</i> | | |
| Places valve on hydrant discharge away from fire and assures valve is closed | | |
| Opens hydrant completely when given signal | | |
| Leaves hydrant wrench on valve stem | | |
| HYDRANT SHUT-DOWN | | |
| Shuts hydrant completely | | |
| Opens valve to release pressure | | |
| Disconnects hose | | |
| Disconnects valve | | |
| Replaces caps only after assuring hydrant is drained | | |

Evaluator Notes



Deploy a Portable Water Tank and Set Up Static Suction Line

NFPA 1001 [2013] – 5.3.15

NYS STATE DIVISION OF HOMELAND SECURITY & EMERGENCY SERVICES **NYS Skill Sheet 14-I-3 and 14-I-4**

| | |
|------------------------|-----------------------------|
| Candidate's Name _____ | Date _____ |
| Evaluator's Name _____ | Evaluator's Signature _____ |

The candidate, given appropriate PPE, will set up a portable water tank and static suction line in accordance with IFSTA Essentials of Fire Fighting and Fire Department Operations, 6TH ed. **JPR 5.3.15**

Time limit for this station is 30 minutes.

| Criteria: | Pass | Fail |
|--|------|------|
| Deploy portable water tank | | |
| Obtain appropriate equipment and bring to a level site using proper lifting techniques | | |
| Open portable tank with tank drain oriented down hill | | |
| Set up static suction line | | |
| Checks the hard-suction couplings, removes any dirt or debris | | |
| Replaces worn or frayed gasket if appropriate | | |
| Aligns sections and hand tightens them | | |
| Connects a strainer | | |
| Appropriately puts strainer in water, tying off if a barrel strainer if used | | |
| Connects the hard-suction hose to the pump intake | | |
| Dismantles equipment | | |
| Store portable water tank | | |
| Drains portable tank and closes it | | |
| Replaces equipment in appropriate location | | |

Evaluator Notes



Loading a Flat Load

NFPA 1001 [2013] – 5.5.2

NYS DIVISION OF HOMELAND SECURITY & EMERGENCY SERVICES

NYS Skill Sheet 15-I-5

| | |
|------------------------|-----------------------------|
| Candidate's Name _____ | Date _____ |
| Evaluator's Name _____ | Evaluator's Signature _____ |

The candidate, given appropriate PPE, will demonstrate the procedure for loading a flat hose load for a forward lay in accordance with IFSTA Essentials of Fire Fighting and Fire Department Operations, 6TH ed. **JPR 5.5.2**

Time limit for this station is 15 minutes.

| Criteria: | Pass | Fail |
|---|------|------|
| Lays first length in bed flat, against partition, with male coupling on the right of the bed at the rear | | |
| Makes bend in hose that is even with front edge of hose bed | | |
| Lays hose on top of first length, angling it so that bend at rear of hose bed is next to first coupling | | |
| Lays hose parallel to first length of hose and brings it to front of hose bed | | |
| Makes bend in hose that is even with front edge of hose bed | | |
| Lays hose on top of previous length angling off to side so that next bend is adjacent to previous bend at rear of hose bed | | |
| Continues in this fashion until hose bed floor is covered | | |
| Starts second tier by making a bend in hose that is approximately 2" recessed from bend below and lays hose on top of hose below to front of hose bed | | |
| Makes a bend at front of hose bed approximately 2" recessed from bend below and angles hose to rear of hose bed keeping hose adjacent to previous length | | |
| Continues laying hose in this fashion until hose bed is full | | |
| Hose is laid so that folds are staggered from one layer to the next, so that all couplings will pull straight out of the hose bed, and so that the couplings are not stacked on top of each other | | |

Evaluator Notes on Back



Loading/Advancing a Pre-connected Flat Load

NFPA 1001 [2013] – 5.5.2, 5.3.10

NYS DIVISION OF HOMELAND SECURITY & EMERGENCY SERVICES

NYS Skill Sheet 15-I-9, 15-I-14

| | |
|------------------------|-----------------------------|
| Candidate's Name _____ | Date _____ |
| Evaluator's Name _____ | Evaluator's Signature _____ |

The candidate, given appropriate PPE, will demonstrate the procedure for loading and advancing a flat load in accordance with IFSTA Essentials of Fire Fighting and Fire Department Operations, 6TH ed. **JPR 5.5.2, 5.3.10**

Time limit for this station is 15 minutes.

| Criteria: | Pass | Fail |
|---|------|------|
| LOADING | | |
| Attach the female coupling to the discharge outlet | | |
| Lay the first fold length of hose flat in the bed against the side wall | | |
| Angle the hose to lay the next fold length adjacent to the first fold length (number of adjacent folds to be determined by width of hose bed) | | |
| Continue building the first tier in this manner using approximately 1/3 of the total hose length | | |
| Make a fold that extends approximately 8" beyond the load at this point (the loop created will later serve as a pull handle) | | |
| Continue building the second tier in this manner using approximately 2/3 of the total hose length | | |
| Make a fold that extends approximately 14" beyond the load at this point (the loop created will later serve as a pull handle) | | |
| Continue building the third tier in this manner with the remaining hose | | |
| Attach the nozzle and lay it on top of the load | | |
| ADVANCING | | |
| Put one arm through the longer loop | | |
| Grasp the shorter loop with the hand of the same arm | | |
| Grasp the nozzle with the other hand | | |
| Pull the load from the bed using the pull loops | | |
| Walk toward the fire, as the hose pulls taut in the hand loop, release the hand loop | | |
| Continue to walk toward the fire, as the shoulder loop becomes taut, drop the loop | | |
| Proceed until the hose is fully extended | | |

Evaluator notes on back:



Large Hose Line Operation

NFPA 1001 [2013] – 5.3.10

NYS DIVISION OF HOMELAND SECURITY & EMERGENCY SERVICES

NYS Skill Sheet 15-I-24, 15-I-25

| | |
|------------------------|-----------------------------|
| Candidate's Name _____ | Date _____ |
| Evaluator's Name _____ | Evaluator's Signature _____ |

The candidate, given appropriate PPE, will operate a large hoseline in both a one firefighter and two firefighter method in accordance with IFSTA Essentials of Fire Fighting and Fire Department Operations, 6TH ed. **JPR 5.3.10**

Time limit for this station is 30 minutes.

| Criteria: | Pass | Fail |
|--|--------------------------|--------------------------|
| ONE FIREFIGHTER | | |
| Forms a loop with the hose | <input type="checkbox"/> | <input type="checkbox"/> |
| Passes the nozzle beneath the loop | <input type="checkbox"/> | <input type="checkbox"/> |
| Kneels or sits on the hoseline at the crossover point and operates the nozzle | <input type="checkbox"/> | <input type="checkbox"/> |
| TWO FIREFIGHTER | | |
| Nozzle firefighter holds hose with one hand and the other on the bail | <input type="checkbox"/> | <input type="checkbox"/> |
| Backup firefighter stands on the same side of the hose as the nozzle firefighter | <input type="checkbox"/> | <input type="checkbox"/> |
| Backup firefighter provides an anchor point for the nozzle firefighter and counteracts the back pressure | <input type="checkbox"/> | <input type="checkbox"/> |

Evaluator Notes



Replacing a Burst Hoseline / Extend a Hoseline

NFPA 1001 [2013] – 5.3.10

NYS DIVISION OF HOMELAND SECURITY & EMERGENCY SERVICES

NYS Skill Sheet 15-I-26, 15-I-27

| | |
|------------------|-----------------------|
| Candidate's Name | Date |
| Evaluator's Name | Evaluator's Signature |

The candidate, given appropriate PPE, will replace a burst hoseline and extend a hoseline in accordance with IFSTA Essentials of Fire Fighting and Fire Department Operations, 6TH ed. **JPR 5.3.10**

Time limit for this station is 15 minutes.

| Criteria: | Pass | Fail |
|---|------|------|
| BURST HOSELINE | | |
| Shuts down water via hose clamp or pump operator | | |
| Obtains replacement hose | | |
| Replaces burst section | | |
| Charges hoseline via hose clamp or pump operator | | |
| EXTEND HOSELINE | | |
| Shuts down water via break apart nozzle or hose clamp | | |
| Obtains adequate additional hose | | |
| Connects hose | | |
| Attaches nozzle at the working end | | |
| Charges hoseline via break apart nozzle or hose clamp | | |

Evaluator Notes on Back



Operating a Nozzle

NFPA 1001 [2013] – 5.3.10

NYS DIVISION OF HOMELAND SECURITY & EMERGENCY SERVICES **NYS Skill Sheet 16-I-1, 16-I-2, 16-I-3**

| | |
|------------------------|-----------------------------|
| Candidate's Name _____ | Date _____ |
| Evaluator's Name _____ | Evaluator's Signature _____ |

The candidate, given appropriate PPE, will operate a solid stream, fog-stream and broken-stream nozzle in accordance with IFSTA Essentials of Fire Fighting and Fire Department Operations, 6TH ed. **JPR 5.3.10**

Time limit for this station is 30 minutes.

| Criteria: | Pass | Fail |
|--|------|------|
| SOLID STREAM | | |
| Firefighters positioned on same side of hose | | |
| Aims nozzle | | |
| Slowly and fully opens nozzle | | |
| Slowly closes nozzle | | |
| FOG-STREAM | | |
| Firefighters positioned on same side of hose | | |
| Determines pattern | | |
| Aims nozzle | | |
| Slowly and fully opens nozzle | | |
| Adjusts nozzle to include straight stream, narrow fog stream and wide fog stream | | |
| Slowly closes nozzle | | |
| BROKEN-STREAM | | |
| Places nozzle in proper location | | |
| Firefighters positioned to control hoseline | | |
| Asks pump operator for water | | |
| Slowly closes nozzle | | |

Evaluator Notes



Portable Master Stream Device

NFPA 1001 [2013] – 5.3.8

NYS DIVISION OF HOMELAND SECURITY & EMERGENCY SERVICES

NYS Skill Sheet 17-I-7

| | |
|------------------|-----------------------|
| _____ | _____ |
| Candidate's Name | Date |
| _____ | _____ |
| Evaluator's Name | Evaluator's Signature |

The candidate, given appropriate PPE, will deploy and operate a portable master stream device in accordance with IFSTA Essentials of Fire Fighting and Fire Department Operations, 6TH ed. **JPR 5.3.8**

Time limit for this station is 15 minutes.

| Criteria: | Pass | Fail |
|---|------|------|
| Removes device from apparatus and carries to designated, solid, level surface | | |
| Secures device | | |
| Adjusts the nozzle | | |
| Attaches supply line from apparatus to device | | |
| Signals the pump operator to charge the line | | |
| Adjusts direction of flow and steadies device as necessary | | |

Evaluator Notes