

Skill Set: General Requirement: Don / Doff PPE & SCBA

Reference: NFPA 1010, 2024 Edition - Chapter 6, Sections 6.1.2 - Don / Doff Personal Protective Clothing Ensemble;
6.3.1 - Donning SCBA

Candidate Equipment Required: Complete NFPA-Compliant Personal Protective Clothing Ensemble with SCBA
and PASS device

Evaluator Equipment Required: Stopwatch or other timing device

Skill Objectives: The candidate will demonstrate donning a personal protective clothing ensemble (PPE) and a self-contained breathing apparatus (SCBA)

Skill Instructions: Given a full personal protective clothing ensemble (PPE) and self-contained breathing apparatus (SCBA), the candidate will demonstrate donning all PPE and SCBA in **180 seconds or less**, doff PPE and SCBA when directed to do so, and prepare PPE and SCBA for reuse. Appropriate donning will be focused on the final status of the PPE and SCBA, not necessarily in the order the clothing and equipment was donned.

NOTE: The candidate will begin the skill in duty uniform / street clothes, including footwear.

Candidate MUST successfully be competent in each of the steps listed to pass this skill station.

No.	Evaluated Skill Items	First Time		Retest	
		Pass	Fail	Pass	Fail
1.	Dons pants with boots, including suspenders.				
2.	Dons protective hood.				
3.	Dons coat with closure secure and collar up.				
4.	Opens SCBA cylinder valve fully and checks cylinder and regulator pressure gauges.				
5.	Dons SCBA, adjust and tightens shoulder straps, fastens waist strap and tightens.				
6.	Dons SCBA mask, tightens all straps and checks for proper seal.				
7.	Pulls protective hood into place over SCBA mask.				
8.	Dons gloves and helmet (ear flap down and chin strap tightened).				
9.	Connects/activates air supply ensuring adequate air flow and proper operation of SCBA.				
10.	When directed, doffs and completely shuts off all components of SCBA.				
11.	Doffs all PPE and places PPE and SCBA in a ready state.				

Skill Set: Fire Dept. Communications - Activate an Emergency Call for Assistance Fireground Operations - SCBA Emergency Operations / Replace a SCBA Cylinder

Reference: NFPA 1010, 2024 Edition - Chapter 6, Section 6.2.3 - Activate an Emergency Call for Assistance; 6.3.1 - Use SCBA During Emergency Operations

Candidate Equipment Required: Complete NFPA-Compliant Personal Protective Clothing Ensemble with SCBA and PASS device

Evaluator Equipment Required: Restricted access prop (16" wide opening)

Skill Objectives: The candidate will demonstrate passing through a restricted opening, initiating an emergency call for assistance (MAYDAY), using controlled breathing techniques, and changing out a SCBA cylinder.

Skill Instructions: Given full PPE including SCBA and a restricted opening, the candidate will demonstrate safely passing through a restricted opening. The candidate will now activate an emergency call for assistance and demonstrate emergency procedures so that air is conserved by controlled breathing techniques, and they can be located and rescued. Lastly, the candidate will demonstrate changing out a SCBA cylinder.

Candidate MUST successfully be competent in each of the steps listed to pass this skill station.

No.	Evaluated Skill Items	First Time		Retest	
		Pass	Fail	Pass	Fail
1.	Successfully passes through the restricted opening (Loosening SCBA straps and removing the pack is allowed - contact with pack is always maintained).				
2.	SCBA mask seal is not compromised while passing through the opening.				
	<i>The evaluator now informs the candidate they have a low air alarm sounding and must transmit a MAYDAY. The evaluator will give the scenario: You are from Engine 1. You were performing a primary search of the basement. You have low air and are disoriented.</i>				
3.	Announces, "MAYDAY, MAYDAY, MAYDAY" waits for Command response, then provides Command information per local SOPs.				
4.	Activates PASS device, flashlight (if available) and uses controlled breathing techniques.				
	<i>The evaluator now informs the candidate they will doff the SCBA pack and change out the SCBA cylinder.</i>				
5.	Doffs SCBA, fully closes cylinder valve, and bleeds off residual pressure.				
6.	Disconnects and removes "empty" cylinder.				
7.	Inspects "full" cylinder and pack connection for damage and debris.				
8.	Inspects "O" ring for high pressure connection (if applicable).				
9.	Installs "full" cylinder, slowly opens cylinder valve and checks for leaks and the operation of the gauges.				

Skill Set: Fireground Operations: Respond on Apparatus to an Emergency Scene Establish & Operate in Work Areas at Emergency Scenes

Reference: NFPA 1010, 2024 Edition - Chapter 6, Section 6.3.2 - Respond on Apparatus to an Emergency Scene; 6.3.3 - Establish & Operate in Work Areas at Emergency Scenes; 6.3.17 - Operate Emergency Scene Lighting

Candidate Equipment Required: Complete NFPA-Compliant Personal Protective Clothing Ensemble

Evaluator Equipment Required: Fire apparatus; Reflective traffic vest; Traffic cones; Power supply, electrical cord, & lighting equipment

Skill Objectives: The candidate will demonstrate response to a highway incident, establishing and operating in a work area at an emergency scene, and operating emergency scene lighting.

Skill Instructions: Given a fire apparatus, full PPE (minus SCBA) including a reflective vest, traffic and scene control devices, a power source, cords, and lights; The candidate will mount the apparatus, assume a seated position as a passenger, when instructed dismount the apparatus, deploy traffic and scene control devices, return to the apparatus to operate emergency scene lighting. Once completed, the candidate will retrieve all traffic and scene control devices.

Candidate MUST successfully be competent in each of the steps listed to pass this skill station.

No.	Evaluated Skill Items	First Time		Retest	
		Pass	Fail	Pass	Fail
1.	Mounts apparatus, using handrails & steps.				
2.	Assumes a seated position and fastens safety belt. Dons additional safety PPE.				
3.	When instructed, dismounts the apparatus, looking for oncoming traffic.				
4.	While facing oncoming traffic, deploys traffic control devices to establish a safe work area, then returns to apparatus while still facing oncoming traffic.				
5.	Ensures power source (generator) is ready (checks fuel & oil if portable or apparatus electric system is engaged).				
6.	Positions portable generator in a well-ventilated area (if applicable).				
7.	Checks power cord for damage & positions to reduce tripping hazards.				
8.	Starts the generator & connects the cord, resets the ground fault interrupter (GFI) device, if needed. Positions light(s) to best illuminate the area.				
9.	Connects & turns on light(s), adjusts angle to best illuminate the area.				
10.	Shuts off & returns equipment to apparatus.				
11.	While facing oncoming traffic, retrieves traffic control devices and returns to apparatus.				

Skill Set: Fireground Operations: Respond on Apparatus to an Emergency Scene Establish & Operate in Work Areas at Emergency Scenes

Reference: NFPA 1010, 2024 Edition - Chapter 6, Section 6.3.2 - Respond on Apparatus to an Emergency Scene; 6.3.3 - Establish & Operate in Work Areas at Emergency Scenes; 6.3.17 - Operate Emergency Scene Lighting

Candidate Equipment Required: Complete NFPA-Compliant Personal Protective Clothing Ensemble

Evaluator Equipment Required: Fire apparatus; Reflective traffic vest; Traffic cones; Power supply, electrical cord, & lighting equipment

Skill Objectives: The candidate will demonstrate response to a highway incident, establishing and operating in a work area at an emergency scene, and operating emergency scene lighting.

Skill Instructions: Given a fire apparatus, full PPE (minus SCBA) including a reflective vest, traffic and scene control devices, a power source, cords, and lights; The candidate will mount the apparatus, assume a seated position as a passenger, when instructed dismount the apparatus, deploy traffic and scene control devices

Candidate MUST successfully be competent in each of the steps listed to pass this skill station.

No.	Evaluated Skill Items	First Time		Retest	
		Pass	Fail	Pass	Fail
1.	Mounts apparatus, using handrails & steps.				
2.	Assumes a seated position and fastens safety belt. Dons additional safety PPE.				
3.	When instructed, dismounts the apparatus, looking for oncoming traffic.				
4.	While facing oncoming traffic, deploys traffic control devices to establish a safe work area, then returns to apparatus while still facing oncoming traffic.				
5.	Ensures power source (generator) is ready (checks fuel & oil if portable or apparatus electric system is engaged).				
6.	Positions portable generator in a well-ventilated area (if applicable).				
7.	Checks power cord for damage & positions to reduce tripping hazards.				
8.	Starts the generator & connects the cord, resets the ground fault interrupter (GFI) device, if needed. Positions light(s) to best illuminate the area.				
9.	Connects & turns on light(s), adjusts angle to best illuminate the area.				
10.	Shuts off & returns equipment to apparatus.				
11.	While facing oncoming traffic, recovers traffic control devices and returns to apparatus.				

Skill Set: Fireground Operations: Force Entry into a Structure / Conduct a Search and Rescue in a Structure / Exit a Hazardous Area as a Team

Reference: NFPA 1010, 2024 Edition - Chapter 6, Section 6.3.4 - Force Entry into a Structure; 6.3.9 - Conduct a Search and Rescue in a Structure; 6.3.5 - Exit a Hazardous Area as a Team

Candidate Equipment Required: Complete NFPA-Compliant Personal Protective Clothing Ensemble with SCBA and PASS device

Evaluator Equipment Required: Forcible entry tools; Rescue mannequin; Utility rope or webbing

Skill Objectives: The candidate will demonstrate forcing entry through an inward or outward swinging door, performing a search & rescue for a victim, and exiting a hazardous area as a team.

Skill Instructions: Given full PPE including SCBA, tools, a doorway prop, operating as a team of two (2), the candidate will demonstrate forcing entry in a doorway. Once the opening is ready for entry, the candidate will demonstrate performing a search & rescue for a victim. Once the victim is located, the candidate will demonstrate exiting a hazardous area as a team.

Candidate MUST successfully be competent in each of the steps listed to pass this skill station.

No.	Evaluated Skill Items	First Time		Retest	
		Pass	Fail	Pass	Fail
1.	Correctly identifies the type of door being forced. Checks if the door is unlocked. <i>“try before your pry”</i>				
2.	Uses tools effectively to force opening through the door and lock. Once opened, maintains door control.				
3.	Initiates accountability system prior to entry.				
4.	Team searches structure using selected search techniques, calling out for potential victims, listens for response.				
5.	Maintains verbal contact with crew members.				
6.	Locates & removes victim using drags or carries per AHJ procedures - doesn’t cause further injury to victim.				
7.	Receives notification of deteriorating conditions and alerts team members.				
8.	Follows the hoseline out of the hazardous environment.				
9.	Team integrity and orientation is maintained at all times.				
10.	Updates IC of task completion and gives a personnel accountability report.				

Skill Set: Fireground Operations: Ground Ladder Operations

Reference: NFPA 1010, 2024 Edition - Chapter 6, Section 6.3.6 - Ground Ladder Operations

Candidate Equipment Required: Complete NFPA-Compliant Personal Protective Clothing Ensemble

Evaluator Equipment Required: NFPA-Compliant 2-section extension ladder

Skill Objectives: The candidate will demonstrate setting up, mounting, ascending, descending, and dismounting a ground ladder.

Skill Instructions: Given full PPE and an extension ladder, the candidate will demonstrate properly lifting, carrying, raising, and lowering the ladder, and will demonstrate properly mounting, ascending, descending, and dismounting the ladder. The Beam or Flat Method can be used for raising and lowering the ladder.

Candidate MUST successfully be competent in each of the steps listed to pass this skill station.

No.	Evaluated Skill Items	First Time		Retest	
		Pass	Fail	Pass	Fail
1.	Locates lifting point near the center of the ladder. Lifts ladder using proper lifting techniques.				
2.	Carries ladder toward the designated location maintaining complete control.				
3.	Visually inspects area for solid, level footing, determines if wall or roof will support the ladder, and checks for overhead electrical wires and obstructions.				
4.	Raises the ladder using the Beam or Flat Method.				
5.	Extends fly section to an appropriate height, ensures the ladder locks are engaged, and adjusts the ladder to an appropriate climbing angle.				
6.	Properly mounts, ascends, descends, and dismounts the ladder.				
7.	Lowers the ladder in a safe manner always ensuring full control.				
8.	Carries ladder toward the designated location maintaining complete control.				

Skill Set: Fireground Operations: Tactical Ventilation - Horizontal

Reference: NFPA 1010, 2024 Edition - Chapter 6, Section 6.3.11 - Perform Horizontal Ventilation on a Structure

Candidate Equipment Required: Complete NFPA-Compliant Personal Protective Clothing Ensemble with SCBA and PASS device

Evaluator Equipment Required: Positive pressure ventilation fan; Haligan bar and axe; Smoke ejector; Pumper apparatus with operator; Access to pre-connect hoselines

Skill Objectives: The candidate will demonstrate performing horizontal ventilation (mechanical or hydraulic) on a structure operating as part of a team.

Skill Instructions: Given full PPE including SCBA, ventilation tools & equipment, hose line with a fog or smoothbore nozzle, the candidate, operating as a team of two (2), will demonstrate ventilating a structure using positive or negative mechanical pressure techniques or a fire room using hydraulic ventilation techniques.

Candidate MUST successfully be competent in each of the steps listed to pass this skill station.

No.	Evaluated Skill Items	First Time		Retest	
		Pass	Fail	Pass	Fail
	<i>Mechanical</i>				
1.	Confirms orders with IC to ventilate the structure.				
2.	Creates intake and exhaust openings and clears all obstructions.				
3.	Positive pressure: places PPV fan at intake blowing into the structure. Negative pressure: places smoke ejector at exhaust blowing out from the structure.				
4.	Start the fan, confirms positive or negative pressure environment.				
5.	If ineffective, adjusts the location of the fan or ejector and reevaluates.				
6.	Reports back to IC completion of task.				
	<i>Hydraulic</i>				
1.	Confirms orders with IC to ventilate the structure.				
2.	Creates intake and exhaust openings and clears all obstructions.				
3.	Standing 2-4 feet from opening, discharges water out the opening.				
4.	Adjusts the fog pattern to cover 85% - 90% of the opening. If using a smoothbore, partially closes the bale and uses a circular pattern with the opening.				
5.	Reports back to IC completion of task.				

Skill Set: Fireground Operations: Tactical Ventilation - Vertical

Reference: NFPA 1010, 2024 Edition - Chapter 6, Section 6.3.12 - Perform Vertical Ventilation on a Structure

Candidate Equipment Required: Complete NFPA-Compliant Personal Protective Clothing Ensemble with SCBA and PASS device

Evaluator Equipment Required: Pitched or flat roof prop; Extension and roof ladders; Chainsaw; Haligan bar and axe

Skill Objectives: The candidate will demonstrate performing vertical ventilation on a structure operating as part of a team.

Skill Instructions: Given full PPE including SCBA, ground & roof ladders, and tools, the candidate, operating as a team of two (2), will demonstrate ventilation techniques for a flat or pitched roof, so that structural integrity is not compromised, and the products of combustion are released from the structure.

Candidate MUST successfully be competent in each of the steps listed to pass this skill station.

No.	Evaluated Skill Items	First Time		Retest	
		Pass	Fail	Pass	Fail
1.	Confirms orders with IC to begin ventilation operations on the structure.				
2.	Checks saw operation prior to climbing to roof.				
3.	Carries or hoists needed tools & equipment to the roof.				
4.	Sounds the roof before proceeding to the ventilation location.				
5.	Locates the support members.				
6.	Selects the location for ventilation and positions upwind of the planned opening.				
7.	Removes any items or materials that may interfere with cutting the opening.				
8.	Makes 4 cuts (2 perpendicular to the support members and 2 parallel to the support members, ensuring to leave the supports intact.				
9.	Removes or tilts decking from the hole with appropriate tool.				
10.	Forces entry through the ceiling using appropriate tool, working from the upwind side of the ventilation hole.				
11.	Evaluates effectiveness and communicates with IC that the task is complete, and the team has returned to the ground.				

Skill Set: Fireground Operations: Overhaul a Fire Scene / Conserve Property as a Member of a Team

Reference: NFPA 1010, 2024 Edition - Chapter 6, Section 6.3.13 - Overhaul a Fire Scene; 6.3.14 - Conserve Property as a Member of a Team

Candidate Equipment Required: Complete NFPA-Compliant Personal Protective Clothing Ensemble with SCBA and PASS device

Evaluator Equipment Required: Hand tools for overhaul; Simulated burn room; Simulated evidence; 1 section 1-3/4" hoseline with nozzle; Water can extinguisher; Furniture; Two (2) salvage covers; Two (2) long pike poles; Sprinkler prop; Sprinkler stoppers and wedges

Skill Objectives: The candidate will demonstrate overhauling a fire scene, conserving property as a member of a team, and stopping the flow of water from an activated sprinkler system.

Skill Instructions: Given full PPE including SCBA, firefighting tools & equipment, salvage cover or tarp, furniture inside a room, and an area to overhaul, the candidate will demonstrate locating and extinguishing hidden fires while preserving fire cause evidence. The candidate, working as a team of two (2), will demonstrate salvage cover rolls, folds, deployment. The candidate will demonstrate stopping the flow of water from an activated sprinkler system.

Candidate MUST successfully be competent in each of the steps listed to pass this skill station.

No.	Evaluated Skill Items	First Time		Retest	
		Pass	Fail	Pass	Fail
	Overhaul				
1.	Verifies with IC overhaul operations can begin.				
2.	Locates areas with potential hidden or smoldering fires.				
3.	Removes ceiling and/or wall coverings and insulation, minimizing damage.				
4.	Completely extinguishes hidden and smoldering fires.				
5.	Preserves any signs of origin and evidence of fire cause while conducting overhaul operations and extinguishing hidden or smoldering fires.				
	Salvage Cover Roll				
1.	Fully spreads out the salvage cover.				
2.	Together, folds the outside edge into the middle of the salvage cover, creating a fold at the quarter point.				
3.	Folds the outside fold into the middle of the salvage cover, creating a second fold.				
4.	Repeat step 7 from the opposite side of the salvage cover.				
5.	Repeat step 8 from the opposite side of the salvage cover, so the folded edges meet at the middle, with the folds touching but not overlapping.				
6.	Tightly rolls up the folded salvage cover from the end.				

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No.	Evaluated Skill Items	First Time		Retest	
		Pass	Fail	Pass	Fail
	<i>Construct a Catchall</i>				
1.	Fully spreads out the salvage cover and rolls 2 opposing sides inward approximately 2 ft (61 cm).				
2.	Folds each corner at a 90° angle creating triangles, each fold approximately 3 ft (91 cm) from the edge.				
3.	Continue rolling 1 edge that was already rolled toward the middle until the roll covers the 2 triangles on the ends.				
4.	Lifts the rolled edge over the corner flaps of the triangles, then tucks it in under the flaps of the triangles to lock the corners in place. Repeat steps 14 & 15 with the opposite rolled edge.				
	<i>Construct a water chute</i>				
1.	Fully spreads out the salvage cover.				
2.	If using pike poles, lay 1 pole on 1 edge of the salvage cover, & roll the salvage cover around the handle. Roll the salvage cover tightly towards the middle.				
3.	Repeat step 17 on the opposite side of the salvage cover, rolling tightly towards the middle & ensuring the pike pole heads are on the same side. Keep rolling the edges equally towards the middle until the 2 rolls are 1 - 3 ft (30 - 91 cm) apart.				
4.	Turn the salvage cover upside down.				
5.	Position the chute with 1 end on the floor and the other end propped up by a chair, stepladder, or other tall object, so that it collects water and channels it toward a drain or outside opening.				
	<i>Stop the flow of water from an activated sprinkler using a main control valve</i>				
1.	Locates the control valve & indicates if the valve is open or closed.				
2.	Completely closes the control valve then reopens the control valve. Verbally states that the control valve should be locked in the open position				
	<i>Using sprinkler wedges</i>				
1.	Positions and climbs ladder to within reach of the sprinkler head.				
2.	Holds 1 wedge in each hand.				
3.	Inserts the 2 wedges, 1 from each side, between the discharge orifice & the sprinkler deflector.				
4.	Bumps the wedges securely into place to stop the water flow.				
	<i>Using a sprinkler stop</i>				
1.	Hold the sprinkler stop in 1 hand.				
2.	Place the flat-coated part of the sprinkler stop over the sprinkler orifice and between the frame of the sprinkler.				
3.	Push the lever to expand the sprinkler stop until it snaps into position.				

Skill Set: Fireground Operations: Connect a Pumper to a Water Supply

Reference: NFPA 1010, 2024 Edition - Chapter 6, Section 6.3.15 - Connect a Pumper to a Water Supply

Candidate Equipment Required: Complete NFPA-Compliant Personal Protective Clothing Ensemble

Evaluator Equipment Required: Pumper apparatus with operator; Soft-sleeve and hard suction hoseline; Access to a fire hydrant; Portable drop tank; Salvage cover; Hydrant tools; Various adapters and appliances.

Skill Objectives: Connect a pumper to a water supply.

Skill Instructions: Given full PPE, pumping apparatus with operator, supply hose 2-1/2" or larger, portable water tanks, drafting appliances/equipment, hose tools, and a fire hydrant, the candidate, will demonstrate making a pumper-to-hydrant connection or deployment of a portable tank and connecting a pumper to a static water source for drafting.

Candidate MUST successfully be competent in each of the steps listed to pass this skill station.

No.	Evaluated Skill Items	First Time		Retest	
		Pass	Fail	Pass	Fail
	Hydrant Connection				
1.	Inspects the hydrant for exterior damage, removes the hydrant cap, and checks for debris or damage inside the outlet. Flushes the hydrant.				
2.	Connects the hose to the pump intake and hydrant connection.				
3.	Opens drain valve on intake. Slowly and fully opens the hydrant.				
4.	Closes drain valve on intake once air has bled from line. Opens pump intake.				
5.	Tightens any leaking connections and removes any kinks from hoseline.				
	Drafting from Static Water Source				
1.	Checks the area for debris. Opens tarp fully to protect portable water tank.				
2.	Set up a portable water tank, ensuring drain is secured.				
3.	Ensures gaskets and couplings on hard suction hose are clean & able to make an air-tight seal (clear of dirt & debris).				
4.	Connects hard suction hose to pumper.				
5.	Places the strainer, with jet siphon attached, inside the portable tank.				
6.	When directed, dismantles drafting equipment & returns to proper storage locations on pumper.				

Skill Set: Fireground Operations: Turn Off Building Utilities

Reference: NFPA 1010, 2024 Edition - Chapter 6, Section 6.3.18 - Turn Off Building Utilities

Candidate Equipment Required: Complete NFPA-Compliant Personal Protective Clothing Ensemble

Evaluator Equipment Required: Utilities prop; Appropriate wrenches and tools

Skill Objectives: Turn Off Building Utilities

Skill Instructions: Given appropriate PPE (minimum of helmet, gloves, & eye protection), specific tools, and access to utilities (electric & gas), the candidate will simulate shutting off the control devices for each utility.

Candidate MUST successfully be competent in each of the steps listed to pass this skill station.

No.	Evaluated Skill Items	First Time		Retest	
		Pass	Fail	Pass	Fail
1.	Gas Utilities				
2.	Confirms orders with IC to shut off gas utility.				
3.	Locate the exterior gas shutoff valve and close it.				
4.	Attach a shut-off or lockout tag and lock, if required.				
5.	Notify IC the gas is shut off.				
	Electric Utilities				
1.	Confirms orders with IC to shut off gas utility.				
2.	Locate the appropriate disconnect switch or main breaker, then shut the power off.				
3.	Attach a lockout tag and lock, if required.				
4.	Notify IC the electricity is shut off.				

Skill Set: Fireground Operations: Knots and Hoisting

Reference: NFPA 1010, 2024 Edition - Chapter 6, Section 6.1.2 - General Skills Requirements; 6.3.20 - Tie a Knot
Appropriate for Hoisting Tools

Candidate Equipment Required: Complete NFPA-Compliant Personal Protective Clothing Ensemble

Evaluator Equipment Required: Utility rope - 50'; Webbing - 5'; Pick head axe; Pike pole; Roof ladder; 1 section of 1-3/4" hoseline with nozzle; Power saw; Stopwatch or other timing device

Skill Objectives: The candidate will demonstrate tying a knot appropriate for hoisting tools, & hoisting tools and equipment utilizing appropriate knots.

Skill Instructions: Given PPE (minimum helmet, gloves, & eye protection), tools & equipment, ropes, and webbing, the candidate will demonstrate tying the specific knots appropriate for hoisting tools.

You will have two (2) minutes to tie each knot. You may wear any style of gloves while tying knots.

The candidate will then demonstrate tying the appropriate knot(s) for the tool or equipment being hoisted. Structural fire gloves MUST be worn for the hoisting portion of this station.

Candidate MUST successfully be competent in each of the steps listed to pass this skill station.

No.	Evaluated Skill Items	First Time		Retest	
		Pass	Fail	Pass	Fail
	Knots				
1.	Figure Eight Knot - Alone - On a bight - Follow-through around an object (include an overhand safety knot)				
2.	Clove Hitch Around an Object (include an overhand safety knot)				
3.	Bowline Knot (include an overhand safety knot)				
4.	Sheet Bend (Becket Bend)				
5.	Water Knot				
	Hoisting				
1.	Hoist an axe.				
2.	Hoist a pike pole.				
3.	Hoist a roof ladder.				
4.	Hoist an uncharged hoseline & nozzle.				
5.	Hoist a power saw.				

Skill Set: Fireground Operations: Operate an Air-Monitoring Instrument

Reference: NFPA 1010, 2024 Edition - Chapter 6, Section 6.3.21 - Operate an Air-Monitoring Instrument

Candidate Equipment Required: Complete NFPA-Compliant Personal Protective Clothing Ensemble with SCBA and PASS device

Evaluator Equipment Required: Air monitoring instrument

Skill Objectives: The candidate will demonstrate operating an air-monitoring instrument

Skill Instructions: Given full PPE including SCBA, and an air-monitoring instrument, the candidate will operate the device, recognize high- or low-level alarms of the device, and report readings of the device.

Candidate MUST successfully be competent in each of the steps listed to pass this skill station.

No.	Evaluated Skill Items	First Time		Retest	
		Pass	Fail	Pass	Fail
1.	Turns on instrument.				
2.	Performs a test on the pump by occluding the inlet & ensuring the appropriate alarm sounds.				
3.	Perform a “fresh air” calibration of the monitor prior to entry.				
4.	Identifies alarm settings for O2 (19.5 - 23.5%)				
5.	Identifies alarm settings for LEL (10%)				
6.	Identifies alarm settings CO (35 ppm)				
7.	Identifies alarm settings for other sensors, if any.				
8.	Demonstrates proper monitoring techniques per local SOP’s				
9.	Reports reading to IC and takes appropriate actions if an alarm sounds.				
10.	Completes assignment and turns off instrument.				

Skill Set: Preparedness and Maintenance: Clean and Check Ladders, Ventilation Equipment, SCBA, Ropes, Salvage Equipment & Hand Tools

Reference: NFPA 1010, 2024 Edition - Chapter 6, Section 6.5.1 - Clean and Ladders, Ventilation Equipment, SCBA, Ropes, Salvage Equipment, and Hand Tools

Candidate Equipment Required: Utility gloves; Eye protection

Evaluator Equipment Required: Cleaning supplies; Extension ladder; PPV fan or smoke ejector; SCBA; Utility rope; Salvage cover; Hand tools (axe, haligan bar, etc.)

Skill Objectives: Clean, inspect, and place tools & equipment in a ready state.

Skill Instructions: Given PPE (minimum utility gloves, safety glasses), cleaning solution & equipment, extension or roof ladder, PPV fan or smoke ejector, SCBA, utility rope, salvage cover, flat or pickhead axe, & a halligan bar, the candidate will clean, inspect, and maintain the tools & equipment, & verbalize recording procedures.

Candidate MUST successfully be competent in each of the steps listed to pass this skill station.

No.	Evaluated Skill Items	First Time		Retest	
		Pass	Fail	Pass	Fail
	Roof or Extension Ladder				
1.	Verbalizes cleaning procedures (Thoroughly cleans, rinses, and dries the ladder with appropriate cleaning supplies).				
2.	Checks for signs of physical damage (cracks, warping, discoloration, dents, etc.)				
3.	Tests rungs for tightness by twisting them, while checking for bent rungs.				
4.	Marks defects per local SOP's.				
5.	Checks halyard for frays, cuts, snugness, & freedom of movement.				
6.	Checks heat sensors for signs of heat exposure and expiration date.				
7.	Checks all moving parts & lubricates, as needed.				
8.	Verbalizes documentation procedures according to AHJ SOP's.				
	Ventilation Equipment				
1.	Verbalizes cleaning procedures (Thoroughly cleans, rinses, and dries equipment with appropriate cleaning supplies).				
2.	Checks for signs of physical damage (cracks, bends, discoloration, dents, etc.)				
3.	Marks defects per local procedures.				
4.	Checks power supply (fuel, oil, spark plug - PPV fan) (electrical cord & receptacle - smoke ejector) for any damage				
5.	Starts ventilation equipment to check proper operation.				
6.	Verbalizes documentation procedures according to AHJ SOP's.				

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No.	Evaluated Skill Items	First Time		Retest	
		Pass	Fail	Pass	Fail
	SCBA				
1.	Checks SCBA for physical damage and verifies the cylinder is full (at least 90% capacity).				
2.	Checks cylinder hydrostatic test date and verbalizes when it is due for retest.				
3.	Opens the cylinder valve fully & verifies pressure readings on the cylinder and gauges are within 100 psi.				
4.	Dons facepiece & checks for proper seal & operation of the exhalation valve.				
5.	Attaches the regulator & checks for adequate, comfortable air flow.				
6.	Checks all connections are secure and free of leaks.				
7.	Checks bypass valve and operations of PASS device.				
8.	Turns off unit, bleeds air slowly, checks for low-air alarm while bleeding the air.				
9.	Turns off PASS device and returns all straps, valves, and components to a ready state. Removes and cleans SCBA cylinder.				
10.	Cleans and disinfects the facepiece with appropriate cleaning supplies.				
11.	Verbalizes cleaning procedures (Thoroughly cleans, rinses, and dries the SCBA with appropriate cleaning supplies). Returns SCBA to a ready state.				
12.	Verbalizes documentation procedures according to AHJ SOP's.				
	Rope				
1.	Checks the entire length of rope for cuts, abrasions, stains, chemical damage, odor, or fraying.				
2.	Examines inner components by feeling for lumps, depressions, or soft spots.				
3.	Verbalizes cleaning procedures (water & mild detergent, rinses thoroughly, allow rope to dry completely, out of direct sunlight).				
4.	Performs additional inspection after drying.				
5.	Stores rope per local SOPs (coil method or using rope bag).				
6.	Verbalizes documentation procedures according to AHJ SOP's.				
	Salvage Equipment				
1.	Checks salvage cover for holes and tears.				
2.	Inspects grommets, sewn edges, & seams for damage.				
3.	Verbalizes cleaning procedures (water & mild detergent, rinses thoroughly, hang salvage cover to completely dry).				
4.	Verbalizes documentation procedures according to AHJ SOP's.				
	Hand Tools				
1.	Inspects tools for damage and wear. Inspects for tightness and function.				
2.	Verbalizes cleaning procedures (water & mild cleaner, rinses & dries thoroughly).				
3.	Maintains wooden handles & cutting edges per local SOP's.				
4.	Verbalizes documentation procedures according to AHJ SOP's.				

Skill Set: Preparedness and Maintenance: Clean, Inspect, and Return Fire Hose to Service

Reference: NFPA 1010, 2024 Edition - Chapter 6, Section 6.5.2 - Clean, Inspect, and Return Fire Hose to Service

Candidate Equipment Required: Utility gloves, Eye protection

Evaluator Equipment Required: Cleaning supplies; 200' 1-3/4" hoseline; Apparatus hose bed

Skill Objectives: Clean, Inspect, & Return fire hose to service.

Skill Instructions: Given PPE (minimum of utility gloves & eye protection), Cleaning supplies, 200' of 1-3/4" hoseline with nozzle, and an apparatus hose bed, the candidate will demonstrate cleaning, inspecting, returning fire hose to service. The candidate will also demonstrate different hose rolls and hose loads.

Candidate MUST successfully be competent in each of the steps listed to pass this skill station.

No.	Evaluated Skill Items	First Time		Retest	
		Pass	Fail	Pass	Fail
	<i>Cleaning</i>				
1.	Lay the hose out flat. Rinse the hose with water.				
2.	Gently scrub both sides of the hose with mild detergent.				
3.	Rinse the hose with water & hang to dry completely or place in a hose dryer.				
	<i>Inspecting</i>				
1.	Inspect both couplings for any damage (threads, lugs, swivel, and gasket).				
2.	Visually inspect both sides of the hose for abrasions, burns, or other damage.				
3.	Mark any damage and remove from service according to local SOP's.				
4.	Verbalizes procedures for documenting hose logs according to local SOP's				
	<i>Hose Rolls</i>				
1.	Straight or storage hose roll.				
2.	Single-Donut hose roll.				
	<i>Hose Loads</i>				
1.	Flat hose load.				
2.	Accordion hose load.				
3.	Horseshoe hose load.				