Chapter 11: Ladders Candidate: Date: Skill Drill 11-1 Fire Fighter I, 4.5.1 Inspect, Clean, and Maintain a Ladder **Evaluator Instructions:** The candidate shall be provided with the following: various ladders, cleaning tools, cleaning supplies, manufacturer/departmental guidelines, and maintenance records. Task: Demonstrating the techniques of inspecting, cleaning, and maintaining ladders as part of a team. Performance Outcome: The candidate shall be able to demonstrate the techniques of inspecting, cleaning, and maintaining ladders as part of a team. Candidate Directive: "Inspect, clean, and maintain ladders as part of a team." First Test Retest No. Task Steps F Clean all components following manufacturer and national standards. Visually 1. inspect the ladder for wear and damage. 2. Lubricate the ladder pawls, guides, and pulleys using the recommended material. 3. Perform a functional check of all components. 4. Complete the maintenance record for the ladder. Tag and remove the ladder from service if deficiencies are found. Return the ladder to the apparatus or storage area. Retest Evaluator: Retest Approved By: Evaluator Comments: Candidate Comments: Evaluator: _____ Date: ____ Candidate Date: ____ Retest Evaluator: _____ Date: _____ Retest Candidate Date: _____

Chapter 11: Ladders Candidate: Date: _____ Skill Drill 11-2 Fire Fighter I, 4.3.6 **One-Fire Fighter Shoulder Carry Evaluator Instructions:** The candidate shall be provided with a ladder and personal protective equipment. **Task:** One-fire fighter carry. **Performance Outcome:** The candidate shall be able to safely carry a ladder. Candidate Directive: "Safely carry a ladder less than 18 feet long." Retest First Test No. Task Steps F \mathbf{F} Start with the ladder mounted in a bracket or standing on one beam. Locate the center of the ladder. Grasp the two rungs on either side of the middle rung. Lift the ladder and rest it on your shoulder. 2. 3. Walk carefully with the butt end first and pointed slightly downward. Retest Evaluator: Retest Approved By: Evaluator Comments: Candidate Comments: Evaluator: _____ Date: ____ Candidate Date: ____ Retest Evaluator: _____ Date: _____ Retest Candidate Date: _____

Chapter 11: Ladders Date: _____ Candidate: Skill Drill 11-3 Fire Fighter I, 4.3.6 **Two-Fire Fighter Shoulder Carry Evaluator Instructions:** The candidate shall be provided with a ladder, personal protective equipment, and a partner. **Task:** Two-fire fighter shoulder carry. **Performance Outcome:** The candidate shall be able to safely carry a ladder with a partner. Candidate Directive: "Safely carry a ladder with a partner." First Test Retest No. Task Steps F \mathbf{F} 1. Start with the ladder mounted in a bracket or standing on one beam. Both fire fighters are positioned on the same side of the ladder. Facing the butt end of the ladder, one fire fighter is positioned near the butt end of the ladder, and a second fire fighter is positioned near the tip of the ladder. Both fire fighters place one arm between two rungs and, on the leader's command, 2. lift the ladder onto their shoulders. The ladder is carried butt end first. The fire fighter closest to the butt end covers the sharp butt spur with a gloved 3. hand to prevent injury to other fire fighters. Retest Approved By: Retest Evaluator: Evaluator Comments: Candidate Comments: Evaluator: _____ Date: ____ Candidate Date: ____ Retest Evaluator: _____ Date: _____ Retest Candidate Date: _____

Date: _____ Candidate: Skill Drill 11-4 Fire Fighter I, 4.3.6 **Three-Fire Fighter Shoulder Carry** Evaluator Instructions: The candidate shall be provided with a ladder, personal protective equipment, and two partners. **Task:** Three-fire fighter shoulder carry. **Performance Outcome:** The candidate shall be able to safely carry a ladder with two partners. Candidate Directive: "Safely carry a ladder with two partners." First Test Retest No. Task Steps F \mathbf{F} 1. All three fire fighters are positioned on the same side of the ladder. Facing the butt end of the ladder, one fire fighter is positioned at the butt end of the ladder, one fire fighter is at the middle of the ladder, and one fire fighter is at the tip of the ladder. Each fire fighter places an arm between two rungs, and, on the leader's command, all fire fighters hoist the ladder onto their shoulders. The ladder is carried butt end first. The fire fighter closest to the butt end covers the sharp butt spur with a gloved hand to prevent injury to other fire fighters. Retest Evaluator: Retest Approved By: Evaluator Comments: ___ Candidate Comments: Evaluator: _____ Date: ____ Candidate Date: ____ Retest Evaluator: Date: Retest Candidate Date:

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Chapter 11: Ladders Date: _____ Candidate: Skill Drill 11-5 Fire Fighter I, 4.3.6 **Two-Fire Fighter Suitcase Carry** Evaluator Instructions: The candidate shall be provided with a ladder, personal protective equipment, and a partner. **Task:** Two-fire fighter suitcase carry. **Performance Outcome:** The candidate shall be able to safely carry a ladder with a partner. Candidate Directive: "Safely perform the suitcase carry with a partner." First Test Retest No. Task Steps F \mathbf{F} 1. Start with the ladder resting on the ground on one beam. Both fire fighters are positioned on the same side of the ladder. Facing the butt end of the ladder, one fire fighter is positioned at the butt end of the ladder, and the other fire fighter is positioned at the tip of the ladder. Each fire fighter reaches down and grasps the upper beam of the ladder. 2. 3. On the leader's command, both fire fighters pick the ladder up from the ground and carry it with the butt end forward. The fire fighter closest to the butt end covers the sharp butt spur with a gloved hand to prevent injury to other fire fighters. Retest Evaluator: Retest Approved By: Evaluator Comments: Candidate Comments: Evaluator: _____ Date: ____ Candidate Date: ____ Retest Evaluator: _____ Date: _____ Retest Candidate Date: _____

Chapter 11: Ladders Candidate: Date: Skill Drill 11-6 Fire Fighter I, 4.3.6 **Three-Fire Fighter Suitcase Carry Evaluator Instructions:** The candidate shall be provided with a ladder, personal protective equipment, and two partners. **Task:** Three-fire fighter suitcase carry. **Performance Outcome:** The candidate shall be able to safely carry a ladder with two partners. Candidate Directive: "Safely perform the suitcase carry with two partners." First Test Retest No. Task Steps F P \mathbf{F} 1. Start with the ladder resting on the ground on one beam. All three fire fighters are positioned on the same side of the ladder. Facing the butt end of the ladder, one fire fighter is positioned at the butt end of the ladder, one fire fighter is at the middle of the ladder, and one fire fighter is at the tip of the ladder. 2. All three fire fighters reach down and grasp the upper beam of the ladder. 3. On the leader's command, the fire fighters pick the ladder up from the ground and carry it at arm's length. 4. The fire fighter closest to the butt end covers the sharp butt spur with a gloved hand to prevent injury to other fire fighters. Retest Approved By: Retest Evaluator: Evaluator Comments: Candidate Comments: Evaluator: _____ Date: ____ Candidate Date: ____ Retest Evaluator: _____ Date: _____ Retest Candidate Date: _____

Candidate: Date: Skill Drill 11-7 Fire Fighter I, 4.3.6 **Three-Fire Fighter Flat Carry Evaluator Instructions:** The candidate shall be provided with a ladder, personal protective equipment, and two partners. **Task:** Three-fire fighter flat carry. **Performance Outcome:** The candidate shall be able to safely flat carry a ladder with two partners. **Candidate Directive:** "Safely perform the flat carry with two partners." First Test Retest No. Task Steps F \mathbf{F} 1. The carry begins with the bed section of the ladder flat on the ground. Two fire fighters stand on one side of the ladder, and the third fire fighter stands on the opposite side of the ladder. Facing the butt end of the ladder, one fire fighter is positioned at the butt end of the ladder with the second fire fighter at the tip end of the ladder. The third fire fighter is positioned at the centre of the ladder on the opposite side. 2. All three fire fighters kneel down and grasp the closer beam at arm's length. 3. On the leader's command, all three fire fighters pick up the ladder and carry it butt end forward. The fire fighter closest to the butt end covers the sharp butt spur with a gloved hand to prevent injury to other fire fighters. Retest Evaluator: Retest Approved By: Evaluator Comments: Candidate Comments: Evaluator: _____ Date: ____ Candidate Date: ____ Retest Evaluator: _____ Date: _____ Retest Candidate Date: _____

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Candidate: Date: Skill Drill 11-8 Fire Fighter I, 4.3.6 Four-Fire Fighter Flat Carry Evaluator Instructions: The candidate shall be provided with a ladder, personal protective equipment, and three partners. **Task:** Four-fire fighter flat carry. **Performance Outcome:** The candidate shall be able to safely flat carry a ladder with three partners. Candidate Directive: "Safely perform the flat carry with three partners." First Test Retest No. Task Steps F P \mathbf{F} 1. The carry begins with the bed section of the ladder flat on the ground. Two fire fighters stand on each side of the ladder. All four fire fighters face the butt end of the ladder. One fire fighter is positioned at each corner of the ladder, with two fire fighters at the butt end of the ladder and two fire fighters at the tip end of the ladder. On the leader's command, all four fire fighters kneel down and grasp the closer 2. beam at arm's length. On the leader's command, all four fire fighters pick up the ladder and carry it butt end forward. The fire fighters closest to the butt end cover the sharp butt spurs with gloved hands to prevent injury to other fire fighters. Retest Approved By: Retest Evaluator: Evaluator Comments: ____ Candidate Comments: Evaluator: _____ Date: ____ Candidate Date: ____ Retest Evaluator: _____ Date: _____ Retest Candidate Date: _____

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Chapter 11: Ladders Candidate: Date: Skill Drill 11-9 Fire Fighter I, 4.3.6 Three-Fire Fighter Flat Shoulder Carry **Evaluator Instructions:** The candidate shall be provided with a ladder, personal protective equipment, and two partners. **Task:** Three-fire fighter flat shoulder carry. Performance Outcome: The candidate shall be able to safely flat carry a ladder on shoulders with two partners. Candidate Directive: "Safely perform a flat shoulder carry with two partners." First Test Retest No. Task Steps F \mathbf{F} 1. The carry begins with the bed section of the ladder flat on the ground. Two fire fighters are positioned on one side of the ladder, and the third fire fighter is on the opposite side of the ladder. Facing the tip end of the ladder, one fire fighter is positioned at the butt end of the ladder, and the second fire fighter is at the tip end of the ladder. The third fire fighter is at the centre of the ladder on the opposite All three fire fighters kneel and grasp the closer beam. On the leader's command, 2. the fire fighters stand, raising the ladder. As the ladder approaches chest height, the leader instructs the fire fighters to pivot 3. into the ladder. 4. The fire fighters place the beam of the ladder on their shoulders. The ladder is carried in this position with the butt moving forward. The fire fighter closest to the butt end covers the sharp butt spur with a gloved hand to prevent injury to other fire fighters. Retest Approved By: Retest Evaluator: Evaluator Comments: Candidate Comments: Evaluator: _____ Date: ____ Candidate Date: ____ Retest Evaluator: Date: Retest Candidate Date:

Chapter 11: Ladders Candidate: Date: Skill Drill 11-10 Fire Fighter I, 4.3.6 Four-Fire Fighter Flat Shoulder Carry **Evaluator Instructions:** The candidate shall be provided with a ladder, personal protective equipment, and three partners. **Task:** Four-fire fighter flat shoulder carry. Performance Outcome: The candidate shall be able to safely flat carry a ladder on shoulders with three partners. Candidate Directive: "Safely perform the flat shoulder carry with three partners." First Test Retest No. Task Steps F \mathbf{F} 1. The carry begins with the bed section of the ladder flat on the ground. Two fire fighters are positioned on each side of the ladder. All four fire fighters face the tip end of the ladder. One fire fighter is positioned at each corner of the ladder, with two fire fighters at the butt end and two fire fighters at the tip end of the ladder. 2. On the leader's command, all four fire fighters kneel and grasp the closer beam. 3. On the leader's command, the fire fighters stand, raising the ladder. As the ladder approaches chest height, the fire fighters all pivot towards the ladder. 4. 5. The fire fighters place the beam of the ladder on their shoulders. All four fire fighters face the butt of the ladder. The ladder is carried in this position, with the butt moving forward. The fire fighters closest to the butt end cover the sharp butt spurs with gloved hands to prevent injury to other fire fighters. Retest Evaluator: Retest Approved By: Evaluator Comments: Candidate Comments: Evaluator: _____ Date: ____ Candidate Date: ____ Retest Evaluator: _____ Date: _____ Retest Candidate Date: _____

Candidate: Date: Skill Drill 11-11 Fire Fighter I, 4.3.6 One-Fire Fighter Flat Raise for Ladders Less Than 4 Meters (14 Feet) Long **Evaluator Instructions:** The candidate shall be provided with a ladder and personal protective equipment. **Task:** One-fire fighter rung raise for ladders under 14 feet. **Performance Outcome:** The candidate shall be able to safely rung raise a ladder under 14 feet. Candidate Directive: "Safely rung raise a ladder under 14 feet." First Test Retest No. Task Steps F Place the butt of the ladder on the ground directly against the structure so that both butt spurs contact the ground and the structure. Lay the ladder on the ground. If the ladder is an extension ladder, place the bed (base) section on the ground. Stand at the tip of the ladder, and check for overhead hazards. Take hold of a rung near the tip, bring that end of the ladder to chest height, and then step beneath the ladder. Raise the ladder using a hand-over-hand motion as you walk towards the structure until the ladder is vertical and against the structure. If an extension ladder is being used, hold the ladder vertical against the structure, and extend the fly section by pulling the halyard smoothly, with a hand-over-hand motion, until the desired height is reached and the pawls are locked. Pull the butt of the ladder out from the structure to create a 75-degree climbing angle. To move the butt away from the structure, grip a lower rung, and lift slightly while pulling outward. At the same time, apply pressure to an upper rung to keep the tip of the ladder against the structure. If the ladder is an extension ladder, it will be necessary to rotate the ladder so the fly section is out. The halvard should be tied as described in the Tying the Halvard skill drill. Check the tip and the butt of the ladder to ensure safety before climbing. Retest Evaluator: Retest Approved By: Evaluator Comments: Candidate Comments: Evaluator: _____ Date: ____ Candidate Date: ____ Retest Evaluator: _____ Date: _____ Retest Candidate Date: _____

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Candidate: Date: Skill Drill 11-12 Fire Fighter I, 4.3.6 One-Fire Fighter Flat Raise for Ladders More Than 4 Meters (14 Feet) Long Evaluator Instructions: The candidate shall be provided with an extension ladder and personal protective equipment. **Task:** One-fire fighter rung raise for ladders over 14 feet. **Performance Outcome:** The candidate shall be able to safely rung raise a ladder over 14 feet. Candidate Directive: "Safely rung raise a ladder over 14 feet." First Test Retest No. Task Steps F \mathbf{F} 1. Place the butt of the ladder on the ground directly against the structure so that both spurs contact the ground and the structure. Lay the ladder on the ground. If the ladder is an extension ladder, place the base section on the ground. Stand at the tip of the ladder and check for overhead hazards. Take hold of a rung near the tip, bring that end of the ladder to chest height, and 2. then step beneath the ladder. 3. Raise the ladder using a hand-over-hand motion as you walk towards the structure until the ladder is vertical and against the structure. If an extension ladder is being used, hold the ladder vertical against the structure, and extend the fly section by pulling the halvard smoothly, with a hand-over-hand motion, until the desired height is reached and the pawls are locked. Pull the butt of the ladder out from the structure to create a 75-degree climbing angle. To move the butt away from the structure, grip a lower rung, and lift slightly while pulling outward. At the same time, apply pressure to an upper rung to keep the tip of the ladder against the structure. If the ladder is an extension ladder, it will be necessary to rotate the ladder so the fly section is out. The halyard should be tied as described in the Tying the Halyard skill drill. Check the tip and the butt of the ladder to ensure safety before climbing. Retest Approved By: Retest Evaluator: Evaluator Comments: Candidate Comments: Evaluator: _____ Date: ____ Candidate Date: ____

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Retest Evaluator: ______ Date: _____ Retest Candidate Date: _____

Date: _____ Candidate: Skill Drill 11-13 Fire Fighter I, 4.3.6 Tying the Halyard **Evaluator Instructions:** The candidate shall be provided with an extension ladder and personal protective equipment. **Task:** Tying the halyard. **Performance Outcome:** The candidate shall be able to tie the halyard. Candidate Directive: "Tie the halyard." **First Test** Retest No. Task Steps F \mathbf{F} 1. Wrap the excess halyard rope around two rungs of the ladder and pull the rope tight across the upper of the two rungs. Tie a clove hitch around the upper rung and the vertical section of the halyard. Refer to Chapter 9, Ropes and Knots, to review how to tie a clove hitch. 3. Pull the clove hitch tight. Place an overhand safety knot as close to the clove hitch as possible to prevent 4. slipping. Retest Approved By: Retest Evaluator: Evaluator Comments: Candidate Comments: Evaluator: _____ Date: ____ Candidate Date: ____ Retest Evaluator: _____ Date: _____ Retest Candidate Date: _____

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Fundamentals of Fire Fighter Skills and Hazardous Materials Response, Canadian Fourth Edition Chapter 11: Ladders Candidate: Date: Skill Drill 11-14 Fire Fighter I, 4.3.6 Two-Fire Fighter Beam Raise Evaluator Instructions: The candidate shall be provided with an extension ladder, personal protective equipment, and a partner. **Task:** Two-fire fighter beam raise. Performance Outcome: The candidate shall be able to safely beam raise an extension ladder with a partner. Candidate Directive: "Safely beam raise a ladder with a partner." First Test Retest No. Task Steps F \mathbf{F} 1. The two-fire fighter beam raise begins with a shoulder or suitcase carry. One fire fighter stands near the butt end of the ladder, and the other fire fighter stands near the tip. The fire fighter at the butt of the ladder places that end of the ladder on the ground, 2. while the fire fighter at the tip of the ladder holds that end. The fire fighter at the butt of the ladder places a foot on the butt of the beam that is 3. in contact with the ground and grasps the upper beam. The fire fighter at the tip of the ladder checks for overhead hazards and then begins 4. to walk toward the butt, while raising the lower beam in a hand-over-hand fashion until the ladder is vertical. The two fire fighters pivot the ladder into position as necessary. 5. The fire fighters face each other, one on each side of the ladder, and heel the ladder by each placing the toe or instep of one boot against the opposing beams of the ladder. One fire fighter extends the fly section by pulling the halyard smoothly with a hand-over-hand motion until the fly section is at the height desired and the pawls are locked. The other fire fighter stabilizes the ladder by holding the outside of the base section beams so that if the fly comes down suddenly it will not strike the fire fighter's hands. The fire fighter facing the structure places one foot against one beam of the ladder, and then both fire fighters lean the ladder into place. The halyard is tied. The fire fighters check the ladder for a 75-degree climbing angle and check for stability at the tip and at the butt end of the ladder. Retest Approved By: Retest Evaluator: Evaluator Comments: _____

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Fundamentals of Fire Fighter Skills and Hazardous Materials Response, Canadian Fourth Edition Chapter 11: Ladders Candidate: Date: Skill Drill 11-15 Fire Fighter I, 4.3.6 Two-Fire Fighter Flat Raise Evaluator Instructions: The candidate shall be provided with an extension ladder, personal protective equipment, and a partner. **Task:** Two-fire fighter rung raise. **Performance Outcome:** The candidate shall be able to safely rung raise an extension ladder with a partner. Candidate Directive: "Safely rung raise a ladder with a partner." First Test Retest No. Task Steps F \mathbf{F} 1. The two-fire fighter flat raise begins from a shoulder carry or suitcase carry, with one fire fighter near the butt of the ladder and the other near the tip. The fire fighter at the butt of the ladder places the butt of the lower beam on the ground, while the fire fighter at the tip holds the other end. The fire fighter at the tip rotates the ladder so that both butts are in contact with the ground. The fire fighter at the butt of the ladder stands on the bottom rung, grasps a higher rung with both hands, crouches down, and leans backward to heel the ladder. The fire fighter at the tip of the ladder checks for overhead hazards, then swings under the ladder and walks towards the butt, advancing down the ladder and lifting the rungs in a hand-over-hand fashion until the ladder is vertical. The two fire fighters stand on opposite sides of the ladder and pivot it into position as necessary. 4. The fire fighters face each other, one on each side of the ladder, and heel the ladder by each placing the toe or instep of one boot against the opposing beams of the ladder. If using an extension ladder, one fire fighter extends the fly section by pulling the halyard smoothly with a hand-over-hand motion until the tip is at the desired height and the pawls are locked. The other fire fighter stabilizes the ladder by holding the outside of the base section beams so that if the fly comes down suddenly it will not strike the fire fighter's hands. The fire fighter facing the structure places one foot against one beam of the ladder, and then both fire fighters lean the ladder into place. The halyard is tied. The fire fighters check the ladder for a 75-degree climbing angle and for stability at the tip and at the butt end of the ladder. Retest Evaluator: Retest Approved By: Evaluator Comments:

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Fundamentals of Fire Fighter Skills and Hazardous Materials Response, Canadian Fourth Edition Chapter 11: Ladders Candidate: Date: Skill Drill 11-16 Fire Fighter I, 4.3.6 Three-Fire Fighter Flat Raise Evaluator Instructions: The candidate shall be provided with an extension ladder, personal protective equipment, and two partners. **Task:** Three-fire fighter rung raise. **Performance Outcome:** The candidate shall be able to safely rung raise an extension ladder with two partners. Candidate Directive: "Safely rung raise a ladder with two partners." First Test Retest No. Task Steps F \mathbf{F} 1. The raise begins from a shoulder carry or suitcase carry, with one fire fighter near the butt of the ladder, one fire fighter in the middle, and one fire fighter near the tip. The fire fighter at the butt of the ladder places the butt of the lower beam on the ground, while the fire fighter at the tip holds that end. The fire fighter in the middle moves to the tip. The fire fighters at the tip rotate the ladder so that both butts are in contact with the ground. The fire fighter at the butt of the ladder stands on the bottom rung, grasps a higher rung with both hands, crouches down, and leans backward to heel the ladder. The fire fighters at the tip of the ladder check for overhead hazards, then begin to walk towards the butt, advancing down the ladder and lifting the rungs in a handover-hand fashion until the ladder is vertical. All three fire fighters pivot the ladder into position as necessary. **3.** Two fire fighters face each other, one on each side of the ladder; grasp the outsides of the beams; and heel the ladder by each placing the toe or instep of one boot against the opposing beams of the ladder. The third fire fighter extends the fly section by pulling the halvard smoothly with a hand-over-hand motion until the tip is at the desired height and the pawls are locked. One fire fighter heels the ladder while the other two lean the ladder into place. The halyard is tied. The fire fighters check the ladder for a 75-degree climbing angle and for security at the tip and at the butt end of the ladder. Retest Approved By: Retest Evaluator: Evaluator Comments: Candidate Comments:

Evaluator: _____ Date: ____ Candidate Date: ____

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Fundamentals of Fire Fighter Skills and Hazardous Materials Response, Canadian Fourth Edition Chapter 11: Ladders Candidate: Date: Skill Drill 11-17 Fire Fighter I, 4.3.6 **Four-Fire Fighter Flat Raise** Evaluator Instructions: The candidate shall be provided with an extension ladder, personal protective equipment, and three partners. **Task:** Four-fire fighter rung raise. **Performance Outcome:** The candidate shall be able to safely rung raise an extension ladder with three partners. **Candidate Directive:** "Safely rung raise a ladder with three partners." First Test Retest P No. Task Steps The raise begins with a four-fire fighter flat carry. Two fire fighters are at the butt of the ladder, and two fire fighters are at the tip. 2. The two fire fighters at the butt of the ladder place the butt end of the ladder on the ground, while the two fire fighters at the tip hold that end. The two fire fighters at the butt of the ladder stand side by side, facing the ladder. 3. Each fire fighter places the inside foot on the bottom rung and the other foot on the ground outside the beam. Both crouch down, grab a rung and the beam, and lean backward. The two fire fighters at the tip of the ladder check for overhead hazards and then begin to walk towards the butt of the ladder, advancing down the rungs in a hand-over-hand fashion until the ladder is vertical. The fire fighters pivot the ladder into position, as necessary. 5. Two fire fighters heel the ladder by placing a boot against each beam. Each fire fighter places the toe or instep of one boot against one of the beams. The third fire fighter stabilizes the ladder by holding it on the outside of the rails. The fourth fire fighter extends the fly section by pulling the halyard smoothly with a hand-over-hand motion until the tip reaches the desired height and the pawls are The two fire fighters facing the structure each place one foot against one beam of the ladder while the other two fire fighters lower the ladder into place. The halyard is tied. The fire fighters check the ladder for a 75-degree climbing angle and for security at the tip and at the butt end of the ladder. Retest Evaluator: Retest Approved By: Evaluator Comments: Candidate Comments:

Evaluator: _____ Date: ____ Candidate Date: ____

Retest Evaluator: _____ Date: _____ Retest Candidate Date: _____

Chapter 11: Ladders Date: _____ Candidate: Skill Drill 11-18 Fire Fighter I, 4.3.12 Climbing a Ladder While Carrying a Tool Evaluator Instructions: The candidate shall be provided with an extension ladder, personal protective equipment, and a small tool, such as a pick-head axe, a flathead axe, or a pike pole. **Task:** Climbing a ladder while carrying a tool. Performance Outcome: The candidate shall demonstrate the ability to safely climb a ladder while carrying a tool. Candidate Directive: "Safely climb a ladder while carrying a tool." First Test Retest No. Task Steps F \mathbf{F} 1. Check the ladder to ensure that it is at a safe angle to climb and is secure. Grasp the tool comfortably and securely in one hand, and hold that hand and the tool against the beam of the ladder. 2. Wrap the other hand around the underside of the beam and begin climbing. 3. Climb smoothly and safely by maintaining contact between your free hand and the beam and by sliding the tool along the opposite beam. Retest Approved By: Retest Evaluator: Evaluator Comments: Candidate Comments: Evaluator: _____ Date: ____ Candidate Date: ____ Retest Evaluator: _____ Date: _____ Retest Candidate Date: _____

Chapter 11: Ladders Date: _____ Candidate: Skill Drill 11-19 Fire Fighter I, 4.3.6 Using a Leg Lock to Work from a Ladder Evaluator Instructions: The candidate shall be provided with an extension ladder, personal protective equipment, and a small tool (pick axe, flathead axe, and pike pole). **Task:** Working from a ladder. Performance Outcome: The candidate shall demonstrate the ability to safely work from a ladder. Candidate Directive: "Safely work from a ladder while carrying a tool." First Test Retest No. Task Steps F \mathbf{F} 1. Climb to the desired work height and step up to one more rung. 2. Note the side of the ladder where the work will be performed. Extend your leg between the rungs on the side opposite the side you will be working. Once your leg is between the rungs, bend your knee, and bring your foot back 3. under the rung and through to the climbing side of the ladder. Secure your foot against the next lower rung or the beam of the ladder. Use your 4. thigh for support, and step down one rung with the opposite foot. The use of a leg lock enables you to have two hands free for a variety of tasks, 5. including placing a roof ladder or controlling a hose stream. Retest Approved By: Retest Evaluator: Evaluator Comments: Candidate Comments: _____ Evaluator: _____ Date: ____ Candidate Date: ____ Retest Evaluator: _____ Date: _____ Retest Candidate Date: _____

Chapter 11: Ladders Candidate: Date: Skill Drill 11-20 Fire Fighter I, 4.3.12 **Deploying a Roof Ladder Evaluator Instructions:** The candidate shall be provided with a roof ladder and personal protective equipment. **Task:** Placing a roof ladder. **Performance Outcome:** The candidate shall demonstrate the ability to safely place a roof ladder. Candidate Directive: "Safely place a roof ladder." First Test Retest No. Task Steps P F Carry the roof ladder to the base of the climbing ladder that is already in place to provide access to the roofline. Place the butt end of the roof ladder on the ground, and rotate the hooks of the roof 2. ladder to the open position. 3. Raise and lean the roof ladder against one beam of the other ladder with the hooks oriented outward, away from you. Climb the lower climbing ladder until you reach the midpoint of the roof ladder that is positioned next to you, then slip one shoulder between two rungs of the roof ladder, and shoulder the roof ladder. Climb to the roofline of the structure, carrying the roof ladder on one shoulder. 4. Secure yourself to the ladder. 5. Place the roof ladder on the roof surface with hooks down. Push the ladder up towards the peak of the roof with a hand-over-hand motion. Once the hooks have passed the peak, pull back on the roof ladder to set the hooks, 6. and check that they are secure. To remove a roof ladder from the roof, reverse the process just described. After releasing the hooks from the peak, it may be necessary to turn the ladder on one of its beams or turn it so the hooks are pointing up to slide the ladder down the roof without catching the hooks on the roofing material. Carrying a roof ladder in this manner requires strength and practice. Retest Evaluator: Retest Approved By: Evaluator Comments: Candidate Comments: Evaluator: _____ Date: ____ Candidate Date: ____

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Retest Evaluator: ______ Date: _____ Retest Candidate Date: _____

Candidate: Date: Skill Drill 11-21 Fire Fighter I **Inspecting a Chimney** Evaluator Instructions: The candidate shall be provided with PPE, SCBA, hand tools, flashlight, portable radio, extension ladder, roof ladder, and a building with a chimney and sloped roof. This skill drill will integrate previous ladder skill drills into a simulated real-world evaluation. The task stated is to perform a chimney check, but can be applied to other situations, such as preparing to vent a roof. **Task:** Performing a chimney check. Performance Outcome: The candidate shall be able to properly set an extension ladder and a roof ladder to gain access to a chimney to perform a rooftop inspection. Candidate Directive: "As part of a team, safely perform a rooftop inspection of a chimney utilizing an extension ladder and a roof ladder." First Test Retest P No. Task Steps F 1. Make sure you are equipped with a complete set of PPE, including SCBA, and are operating under the direction of your officer. 2. Remove the proper-size extension ladder and the roof ladder from the apparatus. Carry the ladders to the building, and raise the extension ladder so that five rungs 3. project above the roofline. Confirm that the roof is safe to climb on. If it is not, use an aerial ladder. 4. 5. When possible, place the roof ladder on the upwind side of the chimney Working with a partner, climb to the chimney while carrying the appropriate 6. equipment. Inspect the chimney, looking for holes, cracks, and structural instability. Report your findings to the incident commander. Remove the tools and roof ladder when the task is complete. 8. Retest Approved By: Retest Evaluator: Evaluator Comments: Candidate Comments: Evaluator: _____ Date: ____ Candidate Date: ____ Retest Evaluator: _____ Date: _____ Retest Candidate Date: _____

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