Candidate: Date: _____ Skill Drill 15-1 Fire Fighter I, 4.5.2 **Replacing the Swivel Gasket Evaluator Instructions:** The candidate shall be provided with a gasket and female hose coupling. **Task:** Replacing the swivel gasket. **Performance Outcome:** The candidate shall demonstrate the ability to properly replace a swivel gasket. Candidate Directive: "Properly replace a swivel gasket." First Test Retest No. Task Steps F Fold the new swivel gasket in half by bringing the thumb and the forefinger together to create two loops. Place either of the two loops inside the hose coupling, and position it against the 2. gasket seat. Using the thumb, push the remaining unseated portions of the swivel gasket into the hose coupling until the entire swivel gasket is properly positioned against the gasket seat inside the coupling. Retest Approved By: Retest Evaluator: Evaluator Comments: _____ Candidate Comments: Evaluator: _____ Date: ____ Candidate Date: ____

Fundamentals of Fire Fighter Skills and Hazardous Materials Response, Canadian Fourth Edition

Chapter 15: Fire Hose, Appliances, and Nozzles

Candidate: Date: _____ Skill Drill 15-2 Fire Fighter I, 4.3.10 Performing the One-Fire Fighter Foot-Tilt Method of Coupling a Fire Hose **Evaluator Instructions:** The candidate shall be provided with a hose and gloves. Task: One-fire fighter foot-tilt method of coupling fire hose. **Performance Outcome:** The candidate shall demonstrate the ability to properly connect a hose using the foot-tilt method. Candidate Directive: "Properly connect the hose using the one-fire fighter foot-tilt method." First Test Retest No. Task Steps F \mathbf{F} 1. Place one foot on the hose behind the male coupling. Push down with your foot to tilt the male coupling upward. Place one hand behind the female coupling, and grasp the hose. 2. Place the other hand on the swivel of the female coupling. Bring the two couplings together, and align the Higbee indicators. Turn the female coupling counterclockwise until it clicks, which indicates that the threads are aligned. Rotate the swivel in a clockwise direction to connect the hose. Retest Evaluator: Retest Approved By: Evaluator Comments: Candidate Comments: Evaluator: _____ Date: ____ Candidate Date: ____ Retest Evaluator: _____ Date: _____ Retest Candidate Date: _____

Fundamentals of Fire Fighter Skills and Hazardous Materials Response, Canadian Fourth Edition

Candidate: Date: _____ Skill Drill 15-3 Fire Fighter I, 4.3.10 Performing the Two-Fire Fighter Method of Coupling a Fire Hose **Evaluator Instructions:** The candidate shall be provided with a hose and a partner. **Task:** Two-fire fighter method of coupling a fire hose. **Performance Outcome:** The candidate shall demonstrate the ability to properly connect a hose with a partner. Candidate Directive: "With a partner, properly connect the hose using the two-fire fighter method." **First Test** Retest No. Task Steps P F Pick up the male coupling. Grasp it directly behind the coupling, and hold it tightly against the body. The second fire fighter holds the female coupling firmly with both hands. 2. The second fire fighter brings the female coupling to the male coupling and aligns the female coupling with the male coupling, using the Higbee indicators for easy alignment. The second fire fighter turns the female coupling counterclockwise until it clicks, 4. which indicates that the threads are aligned, and then turns the female coupling swivel clockwise to couple the hose. Retest Evaluator: Retest Approved By: Evaluator Comments: _____ Candidate Comments: Evaluator: _____ Date: ____ Candidate Date: ____

Fundamentals of Fire Fighter Skills and Hazardous Materials Response, Canadian Fourth Edition

Chapter 15: Fire Hose, Appliances, and Nozzles

Date: _____ Candidate: _____ Skill Drill 15-4 Fire Fighter I, 4.3.10 Performing the One-Fire Fighter Knee-Press Method of **Uncoupling a Fire Hose Evaluator Instructions:** The candidate shall be provided with a coupled hose. **Task:** One-fire fighter knee-press method of uncoupling fire hose. **Performance Outcome:** The candidate shall demonstrate the ability to properly uncouple a hose using the kneepress method. **Candidate Directive:** "Properly uncouple the hose using the knee-press method." First Test Retest P No. Task Steps F Pick up the female coupling. 1. 2. Turn the connection upright, resting the male coupling on a firm surface. Place a knee on the female coupling, and press down on it with your body weight (which compresses the swivel gasket). Turn the female coupling swivel counterclockwise, and loosen the coupling. Retest Approved By: Retest Evaluator: Evaluator Comments: Candidate Comments: Evaluator: _____ Date: _____ Candidate Date: _____ Retest Evaluator: ______ Date: _____ Retest Candidate Date: _____

Fundamentals of Fire Fighter Skills and Hazardous Materials Response, Canadian Fourth Edition

Candidate: Date: _____ Skill Drill 15-5 Fire Fighter I, 4.3.10 Performing the Two-Fire Fighter Stiff-Arm Method of **Uncoupling a Fire Hose Evaluator Instructions:** The candidate shall be provided with a coupled hose and a partner. **Task:** Two-fire fighter stiff-arm method of uncoupling fire hose. **Performance Outcome:** The candidate shall demonstrate the ability to properly uncouple a hose using the stiffarm method. **Candidate Directive:** "Properly uncouple the hose using the stiff-arm method." First Test Retest P No. Task Steps F Two fire fighters face each other and firmly grasp their respective coupling. 1. With elbows locked straight, they push towards each other, compressing the swivel While pushing towards each other, the fire fighters turn the coupling 3. counterclockwise, loosening the coupling. Retest Evaluator: Retest Approved By: Evaluator Comments: Candidate Comments: Evaluator: _____ Date: ____ Candidate Date: ____ Retest Evaluator: ______ Date: _____ Retest Candidate Date: _____

Fundamentals of Fire Fighter Skills and Hazardous Materials Response, Canadian Fourth Edition

Candidate: Date: _____ Skill Drill 15-6 Fire Fighter I, 4.3.10 **Uncoupling a Hose with Spanner Wrenches (Hose Keys) Evaluator Instructions:** The candidate shall be provided with a coupled hose, gloves, and two spanner wrenches. **Task:** Uncoupling a hose with spanner wrenches. **Performance Outcome:** The candidate shall demonstrate the ability to properly uncouple a hose using spanners. Candidate Directive: "Properly uncouple a hose using spanner wrenches." First Test Retest No. Task Steps F With the connection on the ground, straddle the connection above the female Place one spanner wrench on the swivel of the female coupling, with the handle of 2. the wrench to the left. Place the second spanner wrench on the male coupling, with the handle of the 3. wrench to the right. Push both spanner wrench handles down towards the ground, loosening the connection. Retest Approved By: Retest Evaluator: Evaluator Comments: _____ Candidate Comments: Evaluator: _____ Date: ____ Candidate Date: ____ Retest Evaluator: _____ Date: _____ Retest Candidate Date: _____

Fundamentals of Fire Fighter Skills and Hazardous Materials Response, Canadian Fourth Edition

Candidate: _____ Date: _____ Skill Drill 15-7 Fire Fighter I, 4.5.2 **Cleaning and Maintaining Hose** Evaluator Instructions: The candidate shall be provided with a hose, clean water, mild detergent, scrub brush, and gloves. **Task:** Cleaning a dirty hose. **Performance Outcome:** The candidate shall demonstrate the ability to properly clean a hose. Candidate Directive: "Properly clean a hose." **First Test** Retest No. Task Steps F \mathbf{F} 1. Lay the hose out flat. Rinse the hose with water. 2. Gently scrub the hose with mild detergent, paying attention to soiled areas. Turn over the hose, and repeat steps 1 and 2. Give a final rinse to the hose with water. Make sure the hose is dry before storing it. Retest Approved By: Retest Evaluator: Evaluator Comments: Candidate Comments: Evaluator: _____ Date: ____ Candidate Date: ____

Fundamentals of Fire Fighter Skills and Hazardous Materials Response, Canadian Fourth Edition

Chapter 15: Fire Hose, Appliances, and Nozzles

Candidate: _____ Date: _____ Skill Drill 15-8 Fire Fighter I, 4.5.2 **Marking a Defective Hose Evaluator Instructions:** The candidate shall be provided with a hose, marker, tags, and gloves. **Task:** Marking a defective hose. **Performance Outcome:** The candidate shall demonstrate the ability to properly mark a defective hose. Candidate Directive: "Properly mark a defective hose." First Test Retest No. Task Steps F F 1. Inspect the hose for defects. Upon finding a defect, mark the area on the hose, and remove the hose from service. Tag the hose as defective, provide a description of the defect, and notify your superiors. Retest Approved By: Retest Evaluator: Evaluator Comments: _____ Candidate Comments: Evaluator: _____ Date: _____ Candidate Date: _____

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

Fundamentals of Fire Fighter Skills and Hazardous Materials Response, Canadian Fourth Edition

Candidate: _____ Date: _____ Skill Drill 15-9 Fire Fighter I, 4.5.2 Performing a Straight or Storage Hose Roll **Evaluator Instructions:** The candidate shall be provided with a hose and gloves. **Task:** Rolling a straight roll. **Performance Outcome:** The candidate shall demonstrate the ability to properly straight roll a hose. Candidate Directive: "Properly straight roll a hose." First Test Retest No. Task Steps F 1. Lay the hose flat and in a straight line. Fold the male coupling over on top of the hose. 3. Roll the hose to the female coupling. Set the hose roll on its side, and tap any protruding hose flat with a foot. With this arrangement, the male coupling is at the centre of the roll, and the female coupling is on the outside of the roll. Retest Evaluator: Retest Approved By: Evaluator Comments: _____ Candidate Comments: Evaluator: _____ Date: ____ Candidate Date: ____

Fundamentals of Fire Fighter Skills and Hazardous Materials Response, Canadian Fourth Edition

Chapter 15: Fire Hose, Appliances, and Nozzles

Candidate: Date: _____ Skill Drill 15-10 Fire Fighter I, 4.5.2 **Performing a Single-Doughnut Hose Roll Evaluator Instructions:** The candidate shall be provided with a hose and gloves. **Task:** Rolling a single-doughnut roll. **Performance Outcome:** The candidate shall demonstrate the ability to properly single-doughnut roll a hose. **Candidate Directive:** "Properly single-doughnut roll a hose." First Test Retest No. Task Steps F 1. Lay the hose flat and in a straight line. Locate the midpoint of the hose. 3. From the midpoint, move 5 ft (1.5 m) towards the male coupling end. From this point, start rolling the hose towards the female coupling. At the end of the roll, wrap the excess hose of the female end over the male 4. coupling to protect the threads on the male coupling. With this arrangement, and for easy access, both couplings are on the outside of the roll. Retest Evaluator: Retest Approved By: Evaluator Comments: Candidate Comments: Evaluator: _____ Date: ____ Candidate Date: ____

Fundamentals of Fire Fighter Skills and Hazardous Materials Response, Canadian Fourth Edition

Chapter 15: Fire Hose, Appliances, and Nozzles

Candidate: _____ Date: _____ Skill Drill 15-11 Fire Fighter I, 4.5.2 **Performing a Twin-Doughnut Hose Roll Evaluator Instructions:** The candidate shall be provided with a hose and gloves. **Task:** Rolling a twin-doughnut roll. **Performance Outcome:** The candidate shall demonstrate the ability to properly twin-doughnut roll a hose. Candidate Directive: "Properly twin-doughnut roll a hose." First Test Retest No. Task Steps F 1. Lay the hose flat and in a straight line. Bring the male coupling alongside the female coupling. Fold the far end over, and roll both sections of hose towards the couplings, creating 3. a double roll. The roll can be carried by hand, by a rope, or by a hose strap. 4. Retest Evaluator: Retest Approved By: Evaluator Comments: Candidate Comments: Evaluator: _____ Date: ____ Candidate Date: ____

Fundamentals of Fire Fighter Skills and Hazardous Materials Response, Canadian Fourth Edition

Chapter 15: Fire Hose, Appliances, and Nozzles

Chapter 15: Fire Hose, Appliances, and Nozzles Candidate: Date: _____ Skill Drill 15-12 Fire Fighter I, 4.5.2 Performing a Self-Locking Twin-Doughnut Hose Roll **Evaluator Instructions:** The candidate shall be provided with a hose and gloves. Task: Rolling a locking twin-doughnut roll. **Performance Outcome:** The candidate shall demonstrate the ability to properly roll a locking twin-doughnut roll on a hose. Candidate Directive: "Properly perform a locking twin-doughnut roll with a hose." First Test Retest No. Task Steps F \mathbf{F} 1. Lay the hose flat, and bring the couplings alongside each other. Move one side of the hose over the other, creating a loop. This creates the carrying shoulder loop. Bring the loop back towards the couplings to the point where the hose crosses. 3. From the point where the hose crosses, begin to roll the hose towards the 4. couplings. 5. Position the loops so that one is larger than the other. Pass the larger loop over the couplings and through the smaller loop, which secures the rolls together and forms the shoulder loop. The finished result is the self-locking twin-doughnut roll. Retest Evaluator: Retest Approved By: Evaluator Comments: Candidate Comments: Evaluator: _____ Date: ____ Candidate Date: ____

Fundamentals of Fire Fighter Skills and Hazardous Materials Response, Canadian Fourth Edition

Candidate: _____ Date: _____ Skill Drill 15-13 Fire Fighter I, 4.3.10 Using a Hose Jacket **Evaluator Instructions:** The candidate shall be provided with two hoses, hose jacket, and gloves. Task: Connecting two lines with damaged hose couplings. Performance Outcome: The candidate shall demonstrate the ability to properly connect two lines with damaged couplings using a hose jacket. Candidate Directive: "Properly connect two hose lines with damaged hose couplings utilizing a hose jacket." **First Test** Retest No. Task Steps F \mathbf{F} 1. Open the hose jacket and place the damaged coupling in one end. 2. Place the second coupling in the other end of the jacket. 3. Close the hose jacket, ensuring that the latch is secure. Slowly bring the hose line up to pressure, allowing the gaskets to seal around the hose ends. Retest Evaluator: Retest Approved By: Evaluator Comments: _____ Candidate Comments: Evaluator: _____ Date: ____ Candidate Date: ____

Fundamentals of Fire Fighter Skills and Hazardous Materials Response, Canadian Fourth Edition

Chapter 15: Fire Hose, Appliances, and Nozzles

Candidate: _____ Date: _____ Skill Drill 15-14 Fire Fighter I, 4.3.10 **Operating a Smooth-Bore Nozzle** Evaluator Instructions: The candidate shall be provided with a hose, smooth-bore nozzle, various size tips, and **Task:** Operating a smooth-bore nozzle. **Performance Outcome:** The candidate shall demonstrate the ability to operate a smooth-bore nozzle. Candidate Directive: "Properly operate a smooth-bore nozzle." First Test Retest No. Task Steps F \mathbf{F} 1. Select the desired tip size and attach it to the nozzle shut-off valve. Attain a stable stance (if standing). Slowly open the valve, allowing water to flow. Open the valve completely to achieve maximum effectiveness. 3. 4. Direct the stream to the desired location. Retest Evaluator: Retest Approved By: Evaluator Comments: Candidate Comments: Evaluator: _____ Date: ____ Candidate Date: ____

Fundamentals of Fire Fighter Skills and Hazardous Materials Response, Canadian Fourth Edition

Chapter 15: Fire Hose, Appliances, and Nozzles

Candidate: _____ Date: _____ Skill Drill 15-15 Fire Fighter I, 4.3.10 **Operating a Fog-Stream Nozzle Evaluator Instructions:** The candidate shall be provided with an attack line with a fog nozzle and full personal protective equipment. **Task:** Operating a fog nozzle. **Performance Outcome:** The candidate shall demonstrate the ability to operate a fog nozzle. Candidate Directive: "Properly operate a fog nozzle." **First Test** Retest No. Task Steps F \mathbf{F} 1. Select the desired nozzle. Attain a stable stance (if standing). 2. Slowly open the valve, and allow water to flow. 3. Open the valve completely. Select the desired water pattern by rotating the bezel of the nozzle. Apply water where needed. Retest Approved By: Retest Evaluator: Evaluator Comments: _____ Candidate Comments: Evaluator: _____ Date: ____ Candidate Date: ____

Fundamentals of Fire Fighter Skills and Hazardous Materials Response, Canadian Fourth Edition

Chapter 15: Fire Hose, Appliances, and Nozzles