Fundamentals of Fire Fighter Skills and Hazardous Materials Response, Canadian Fourth Edition Chapter 14: Water Supply Systems Candidate: _____ Date: _____ Skill Drill 14-1 Fire Fighter I, 4.3.15 **Operating a Dry-Barrel Fire Hydrant** Evaluator Instructions: The candidate shall be provided with full personal protective equipment (PPE), hydrant wrench, hose, hydrant valve, and fire hydrant. **Task:** Operating a fire hydrant. Performance Outcome: The candidate shall demonstrate the ability to properly operate a fire hydrant. Candidate Directive: "Properly operate a fire hydrant." First Test Retest No. Task Steps F F 1. Remove the cap from the outlet you will be using. 2. Look inside the hydrant opening for debris. 3. Check that the remaining caps are snugly attached. Attach the hydrant wrench to the stem nut located on top of the hydrant. Check the 4. top of the hydrant for an arrow indicating the direction to turn to open. 5. Open the hydrant valve enough to verify flow of water and to flush out any debris that may be in the hydrant. Close the hydrant valve to stop the flow of water. Attach the hose or valve to the 6. hydrant outlet. 7. When instructed to do so by your officer or the pump river/operator, start the flow of water by turning the hydrant wrench to fully open the valve. This may take 12 or more turns depending on the type of hydrant

	more turns depending on the type of nydrant.							
8.	Open the hydrant slowly to avoid a pressure surge. Once the flow of water has begun, you can open the hydrant valve more quickly. Make sure that you open the hydrant valve completely. If the valve is not fully opened, the drain hole will remain open.							
Retest	t Approved By:		Retest Evaluator:	est Evaluator:				
Evaluator Comments:								
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Candidate: Date: Skill Drill 14-2 Fire Fighter I, 4.3.15 **Shutting Down a Dry-Barrel Fire Hydrant Evaluator Instructions:** The candidate shall be provided with full personal protective equipment (PPE), hydrant wrench, hose, hydrant valve, and fire hydrant. **Task:** Shutting down a fire hydrant. Performance Outcome: The candidate shall demonstrate the ability to properly shut down a fire hydrant. Candidate Directive: "Properly shut down a fire hydrant." First Test Retest No. Task Steps F \mathbf{F} 1. Turn the hydrant wrench until the stem valve is closed. 2. Allow the hose to drain by opening a drain valve or disconnecting a hose connection downstream. Slowly disconnect the hose from the hydrant outlet, allowing any remaining pressure to escape. Leave one hydrant outlet open until the hydrant is fully drained. 3. Replace the hydrant cap. Do not leave or replace the caps on a dry-barrel hydrant until you are sure that the water has completely drained from the barrel. If you feel suction on your hand when you place it over the opening, the hydrant is still draining. In very cold weather, you may have to use a hydrant pump to remove all of the water and prevent freezing. Retest Approved By: Retest Evaluator: Evaluator Comments: Candidate Comments: Evaluator: _____ Date: ____ Candidate Date: ____ Retest Evaluator: _____ Date: _____ Retest Candidate Date: _____

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Chapter 14: Water Supply Systems

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Practical Checksheet 14.3 deleted

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Practical Checksheet 14.5 deleted

Chapter 14: Water Supply Systems Candidate: Date: Skill Drill 14-6 Fire Fighter I, 4.3.15 **Assisting the Pump Driver/Operator with Drafting Evaluator Instructions:** The candidate shall be provided with long, hard suction hose, pumps, swivel gaskets, strainer, and pump driver/operator. **Task:** Assisting the pump driver/operator with drafting. **Performance Outcome:** The candidate shall demonstrate the ability to properly assisting the pump driver/operator with assembling the equipment needed to draft water from a static water supply drafting. Candidate Directive: "Properly assist the pump driver/operator with drafting." Retest First Test No. Task Steps F After the pump driver/operator has positioned the engine at the draft site, inspect the swivel gaskets on the female coupling for damage or debris. Connect each section of suction hose together, and connect the strainer to the end of the hose that will be placed in the water. Connect the other end of the suction hose to the fire pump. 3. 4. Advance the suction hose assembly into position with the strainer in the water. Ensure that the strainer assembly has at least 24 in. (0.5 m) of water in all directions around the strainer. 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: ID#: Skill Drill 14-7 Fire Fighter I, 4.3.15 **Setting Up a Portable Tank Evaluator Instructions:** The candidate shall be provided with a portable tank. **Task:** Setting up a portable tank. **Performance Outcome:** The candidate shall demonstrate the ability to properly set up a portable tank with a partner. Candidate Directive: "Properly set up a portable tank with a partner." First Test Retest No. Task Steps F \mathbf{F} 1. Two fire fighters lift the portable tank off the apparatus. This tank may be mounted on a side rack or on a hydraulic rack that lowers it to the ground. Place the portable tank on as level ground as possible beside the engine. The pump driver/operator will indicate the best location. 2. Expand the tank (metal-frame type), or lay it flat (self-expanding type). 3. One fire fighter helps the pump driver/operator place the strainer on the end of the suction hose, put the suction hose into the tank, and connect it to the engine. 4. The second fire fighter helps the tanker driver discharge water into the portable tank. If the tank is self-expanding, the fire fighters may need to hold the collar until the water level is high enough for the tank to support itself. Retest Evaluator: Retest Approved By: Evaluator Comments: _____ Candidate Comments: Evaluator: _____ Date: ____ Candidate Date: ____ Retest Evaluator: _____ Date: _____ Retest Candidate Date: _____

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