



# SEATTLE FIRE DEPARTMENT

## FIREFIGHTER I

<b>VENT EVALS 3</b>	<b>Horizontal Ventilation</b>
<b>5.3.6- Ground Ladder; 5.2.3- Radio; 5.3.4- Force Entry; 5.3.11- Horizontal Ventilation; 5.3.18- Control Utilities</b>	

**Candidate:** # \_\_\_\_\_, ( \_\_\_\_\_ ) **Date:** \_\_\_\_\_

**You are the #4 FF (Tiller Driver) on a Ladder Company that has arrived as the first due truck at a fire in a 2 story house. Your officer tells you that the company is going to search and vent. You are tasked with performing ventilation and providing egress. Complete in SFD time goal of 9:40. Do you have any questions?**

<b>STANDARD:</b> NFPA 1001, 2013 Edition 5.2.3, 5.3.2, 5.3.4, 5.3.6, 5.3.11, 5.3.18	<b>TASK:</b> Communicate the fires location, check the basement, provide horizontal ventilation, and ensure egress.				
<b>PERFORMANCE OUTCOME:</b> The candidate shall be able to provide coordinated ventilation, force entry, remove window bars, and shut off gas to building.					
<b>CONDITIONS:</b> Given full PPE (radio, turnouts, SCBA, battle lantern, service ax), 28' ladder, halligan, NY hook, forcible entry saw, PPV fan, and 24' ladder, the candidate will:					
No.	TASK STEPS	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
1	Access Side Charlie. a) Carry the ladder and tools to side Charlie and identify the fires location. b) Place the ladder to floor 2 for egress from the most threatened bedroom. c) Radio Command: "There is an unvented fire in a floor 1 bedroom on the Delta/Charlie corner. I am in position to ventilate."				
2	Check the basement. a) Use the baseball method to force an inward swinging back door. (glasses) b) Sweep for victims inside doorway and close the door. c) Radio Command: "There is no fire in the basement."				
3	Ventilate for fire (At the request from E90 for ventilation) a) Wearing glasses, clear the glass and sash from the fire room windows. b) Radio Command: "Ventilation point established."				
4	Positive Pressure Ventilation (establish AFTER "water on the fire" or steam conversion visible) a) Start PPV fan, check for and state "There is no fire in the void spaces" b) Direct the fan into the door the Engine entered and slowly increase throttle. c) Evaluate the effectiveness of PPV at the vent point and check the eaves d) Radio Command: "PPV established."				
5	Expand Ventilation. a) Wearing glasses, ventilate additional windows near/behind the fire room.				
6	Ensure Egress. a) Place a ladder to a bedroom on side Alpha b) Wearing glasses use the FE saw to cut window bars. (See FE saw intro skill sheet.) c) Use the gap-set-force method to force an inward swinging side kitchen door d) Sweep for victims and Control the door open once water is on the fire.				
7	Shut off the natural gas.				
8	Candidate completed evolution in:	_____		_____	



---

# SEATTLE FIRE DEPARTMENT FIREFIGHTER I

---

Evaluator/Candidate Comments:

---

---

---

---

---

---

<b>Evaluator (Print &amp; Sign)</b>	<b>Date</b>	<b>Candidate</b>	<b>Date</b>
-------------------------------------	-------------	------------------	-------------

---

<b>Re-Test Evaluator</b>	<b>Date</b>	<b>Re-Test Candidate</b>	<b>Date</b>
--------------------------	-------------	--------------------------	-------------



---

# SEATTLE FIRE DEPARTMENT

## FIREFIGHTER I

---

### Horizontal Ventilation

#### Instructor Notes

- Setup:
  - Charged hose line through the front door.
  - Door on Eastside set up for baseball swing.
  - Door on North Side set up as "back door" to kitchen. Metal door and metal jam
  - Gas meter set up on North Side near kitchen.
  - Brown side of drywall is out on fire room window. White side is out on other windows.
- Carry 28' ladder, New York bar, Halligan
- Ladder floor 2 in the room most at risk below the fire. Be careful not to break windows. Use the plane of the sash to measure where the "glass" was. If the tip of the ladder went past the 2x2 sash it hit the "glass".
  - A conversation needs to happen about laddering above the fire room because it is the highest risk.
- **Identify floor and location of fire for interior crew. "Command from L90 team Bravo, the fire is located in the Charlie Delta Corner, Floor 1. Standing by to Ventilate."**
- Force Charlie side door with baseball swing, Sweep for victims, shut door.
  - **Notify command, "Charlie side door is open, there is a basement. No fire."**
- At call for vent:
  - "Command from E90."
  - "Command"
  - "E90 requesting Ventilation"
  - vent, vent, vent" ventilate fire room window.
  - **Notify command, "Vent point has been established."**
- Verify "water on fire" (Radio out as the interior crew "water on the fire" or say "you see a lot of steam from your vent point") and then establish PPV.
  - Check Eaves to make sure no fire extension. (They must show they are checking the eaves and say "**There is no fire in the void spaces.**")
  - Establish PPV. Turn on fan facing away from building. Turn on at low/half throttle. Check to see the fan is having an effect by looking down the side of the building. Throttle up.
  - They can set this up after they establish the vent point, but they CANNOT turn fan in until there is water on the fire.
  - **"Command, PPV established"**
- **On Thursday, tell them that smoke is pushing out from the eaves. They should NOT establish PPV. Notify command of attic fire.**



---

# SEATTLE FIRE DEPARTMENT

## FIREFIGHTER I

---

- Expand ventilation back towards entrance point. The idea is to open one and a half to three times the ventilation exit BEHIND The hose team so they can do hydraulic ventilation. This will then help accomplish the required 3 to 5 times the vent ENTRANCE for PPV.
- Ladder side Alpha with 18' roofer. Ensure they do not break glass.
- Force Back door to Kitchen on bravo side. Set up as a metal inward swinging door.
- Shut off gas.
- Cut bars off windows
- Mix up the last three bullet points by giving different pieces of information at different times (we have reports of victims trapped on floor 2, or we have reports a victim in the kitchen on side Bravo). It keeps them moving and listening. Don't let them get into the step by step rote order of the drill. Keep them thinking.