

Klamath County Fire District 4

Entry Level Firefighter Unit 6- Horizontal Ventilation

Individual Performance Standards

5.1	POSITIVE PRESSURE VENTILATION
5.2	VENTILATION USING WATER FOG

The above Performance Standards must be completed in the presence of a Firefighter 1. Documentation should include the date and initials of the observer, and if appropriate, the time to took to perform the task.

POSITIVE PRESSURE VENTILATION – 5.1

Fire Individual Performance Standard

OBJECTIVE: Set up gas powered fan for ventilation for positive pressure ventilation.

EQUIPMENT: Pumping apparatus, gas powered fan, full structure fire PPE including SCBA, a building for ventilation.

NARRATIVE: You are given an order to place the fan for PPV to remove Smoke from a structure. You will be told the side and the opening where the fan needs to be placed. Time starts when you touch the compartment door, and ends when you have completed placing the fan and checking the air cone. You are given an assistant to help you carry the fan. Do you have any questions? You may begin when you are ready.

STANDARD You must demonstrate setting up the PPV fan for ventilation in within 1.5 minutes with 100% accuracy.

NOTE: *An assistant may be used to help carry the fan, but they should not help in setting the fan up, or starting it.*

TASKS	Done	Not Done
1. Opens compartment and removes fan from its location on the apparatus.		
2. Carries fan to the set up site.		
3. Asks for confirmation that fan should be started now and starts fan.		
4. Positions fan so that the air completely covers ventilation opening.		
5. Check for effectiveness and adjusts as needed.		

Number of Attempts: _____ Slowest Time: _____ Fastest Time: _____

Comments:

VENTILATION USING WATER FOG – 5.2

Fire Individual Performance Standard

OBJECTIVE: Ventilate a room using water fog from a 1¾" hose line.

EQUIPMENT: Fire department pumping apparatus, drill site appropriate for flowing water, charged 1 ¾" hose line, full structure fire PPE including SCBA.

NARRATIVE: You are given a room filled with smoke (may be simulated) and you must demonstrate how ventilate the room using a fog pattern from a 1 ¾" charged hoseline. This is not a timed event. Do you have any questions? You may begin.

STANDARD You must demonstrate ventilating a room using a fog stream with 100% accuracy.

TASKS	Done	Not Done
1. Positions hoseline within the room approximately 8 feet from the ventilation opening.		
2. Announces that they will be performing hydraulic ventilation and correctly describes the side of the structure where ventilation will be performed. (A,B,C,D)		
3. Opens the nozzle and adjust to fill the opening with the fog pattern as near as possible.		
4. Maintains flow for approximately 15 seconds then shuts hoseline.		
5. Assesses the room for additional ventilation and applies as necessary.		

Number of Attempts: _____

Comments: