



PRACTICAL SKILL: Horizontal Ventilation – Positive Pressure

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Skill Level:	Firefighter I
Objective:	Horizontal Ventilation – Positive Pressure – 2019 Edition, NFPA 1001, 4.3.11. IFSTA Essentials 7 th Ed. Chapter 11
Materials Provided:	Positive Pressure Ventilation Fan.
Materials Needed:	Complete Set of Personal Protective Equipment and Self-Contained Breathing Apparatus (SCBA)
Instructions:	<p>To maintain consistency please judge the skill demonstration <u>closely and solely</u> by the criteria set out in this form.</p> <p>Provide written feedback comments at the end of the form. Debrief the outcome with the Firefighter Candidate, letting them know what they did correctly and how they can improve. If any element is not performed correctly assign them a FAIL and sign the bottom of the evaluation form. If they perform all elements correctly and you are confident they can repeat this performance to the same level, assign them a PASS and sign the bottom of the evaluation sheet.</p> <p>Once completed, this form is directed to the Evaluation Coordinator.</p> <p>The student will be provided a simulated fire situation. Based on the situation the student, wearing complete PPE (including SCBA), shall demonstrate the proper placement and operation of the equipment for positive pressure ventilation.</p>
Safety:	Students should use proper lifting techniques to prevent back injuries. Air quality may need to be monitored if gasoline powered fans are used.
References:	Horizontal Ventilation – Positive Pressure – 2019 Edition, NFPA 1001, 4.3.11. IFSTA Essentials 7 th Ed. Chapter 11



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Student Name: _____ **Date:** _____

Critical Criteria:	Incorrect	Correct	
1. PPE (Don complete PPE including SCBA)	PPE Missing or not worn correctly	PPE Complete and Donned to specifications <input type="checkbox"/>	/1
2. SCBA ("On air" when operating inside hazardous atmosphere)	Fails to wear SCBA inside hazard zone	Wear SCBA inside hazard zone <input type="checkbox"/>	/1
3. Operation of equipment (familiar with startup and operation)	Unable to start/operate equipment	On/off switch <input type="checkbox"/> Fuel <input type="checkbox"/> Choke <input type="checkbox"/>	/3
Criteria:			
1. Equipment Checks (Check oil and fuel levels in gasoline powered equipment)	Does not check	Oil <input type="checkbox"/> Fuel <input type="checkbox"/> on/off switch <input type="checkbox"/>	/3
2. Obstructions (Clears door(s) and/or window(s) of screens curtains or other obstructions.)	Does not check	Check doors <input type="checkbox"/> Windows <input type="checkbox"/> Screens <input type="checkbox"/> Obstructions <input type="checkbox"/>	/4
3. Fan Placement (Initial positioning of fan 90 degrees to opening, several feet from point of entry and air cone covers opening, uses back of hand to check air seal)	Does not check air cone (fan to close or fan too far away and not at 90 degrees)	Check air cone <input type="checkbox"/> Positioned at 90 degrees at startup <input type="checkbox"/>	/2
4. Windows (Opens and/or closes window(s) to ensure controlled ventilation of structure as per orders (must demonstrate or articulate))	Does not control the air flow	Controls the air flow use of windows <input type="checkbox"/> and doors <input type="checkbox"/>	/2
Outcome: (circle one) 11/16 correct to achieve a pass.	Fail	Pass	/16



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Evaluating Officer Signature	Firefighter Candidate Signature
Evaluating Officer Name	