3-11: Perform Horizontal Ventilation on a Structure

Candidate Information
Candidate Name and SFT ID Number:
Circle One: Day 1 First Attempt / Day 1 Second Attempt / Day 2 First Attempt / Day 2 Second Attempt
General Information
NFPA Standard: 1001 (2019), JPR 4.3.11 / **CTS Guide:** 3-11 / **Course Plan:** Fire Fighter 1A, Topic 5-13
Performance Outcome: Operating as a member of a team, horizontally ventilate a structure, ensuring that the ventilation openings are free from obstructions, tools are used as designed, ladders are correctly placed, ventilation devices are correctly placed, and the structure is cleared of smoke.
Candidate Directions: You will operate as part of a team to clear the building of smoke by performing horizontal ventilation and ensuring that all ventilation barriers are removed, structural integrity is not compromised, products of combustion are released from the structure, and the team retreats from the area when ventilation is accomplished. The evolution will begin when I say, "start." The evolution will end when you say, "done." Do you understand the directions?

Variables (circle one or more)
Ventilation method • Natural: Break window or door glass for ventilation • Positive pressure • Negative pressure • Hydraulic

Performance Measures (check appropriate box) The candidate must complete all steps (100%) to receive a passing score.	**Pass**	**Fail**
Natural		
1. Places ladder appropriately and safely (if applicable)		
2. Chooses proper tool for breaking window or door glass for ventilation and carries tool safely		
3. Assumes correct position for breaking glass		
4. Uses safe procedures for breaking window and door glass and removing obstructions from building opening		
5. Breaks glass and removes any remaining obstructions from opening		

Positive Pressure		
1. Places fan properly in front of adequate entry point		
2. Ensures exit point is no larger than entrance opening, or in accordance with fan manufacturer's recommendation		
3. Opens entry point (block if necessary), starts fan, and ensures that cone of air covers entire opening		
Negative Pressure		
1. Removes objects that might be drawn into fan (curtains, drapes, etc.)		
2. Places fan properly in exhaust opening by hanging from window or door casing, door edge (with door blocked open), or from leaning ladder over opening		
3. Creates an entrance opening, preferably on upwind side of building		
4. Starts fan and prevents churning by covering the area around fan with salvage covers or material		
Hydraulic		
1. Removes objects that might be drawn into opening (curtains, drapes, etc.)		
2. Adjusts fog pattern to cover 85-90% of opening		
3. Places nozzle at least two feet back from opening		
Applies to All		
1. Wears and uses appropriate PPE/SCBA/equipment at all times during evaluation		
2. Transports and operates ventilation tools and equipment and ladders safely		
3. Clears smoke from structure		

Evaluation Results
Overall Evaluation: Pass / Fail (circle one)
Student Signature / Date:
Print Student Name:
Evaluator Signature / Date:
Print Evaluator Name:
Comments: