



## **Job Performance Review**

### **Vertical Ventilation**

## **Individual Level Competency**

#### **JPR Title**

Vertical Ventilation

#### **JPR Number**

JPR-10-1CC

#### **Reference**

NFPA 1001 – Standard for Firefighter Professional Qualifications  
IFSTA Essentials of Firefighting  
ATFD Standards of Cover and Risk Analysis

#### **Performance Criteria**

The firefighter demonstrates the competency to ladder the structure in an appropriate manner, deploy a roof ladder and demonstrate the elements of creating a vertical ventilation opening in a roof structure by making two cuts with a power saw and/or cuts with an axe. The firefighter will complete the task by validating that the ventilation pathway below the opening is clear of obstructions. Performance criteria will include the following:

- ✓ Correct ladder is selected
- ✓ Proper placement of roof ladder
- ✓ Proper placement of ground ladder
- ✓ Wears PPE including SCBA
- ✓ Places roof ladder appropriately
- ✓ Pushes ladder up towards peak with hand over hand motion
- ✓ Uses proper lifting and climbing techniques
- ✓ Executes proper de-mobilization protocols and techniques

#### **Time Parameters**

No time parameter. Safe and efficient elements of the JPR are demonstrated.

#### **Safety Precautions**

Safe operations and control of all equipment  
Tripping and fall hazards minimized  
Power saw safety

#### **Procedure**

Demonstrate the proper ground laddering techniques by selecting an appropriate ground ladder and placing the ladder appropriately for vertical ventilation. Properly

deploy an appropriate length roof ladder. Assemble tools and equipment needed to complete the vertical ventilation operation. Cut a minimum of a 2 ft. x 2 ft. ventilation opening in the roof structure by using a power saw to make the first two cuts and an axe to make the last two cuts. Finish by ensuring that the ventilation pathway is clear of obstructions.

**Firehouse Software Evaluator Notes**

Link to “Ventilation” or “Firefighting Evolutions”

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