



WESTBURY FIRE DEPARTMENT

Hose Compay #2



Mechanical Ventilation Operations

Name/Badge: _____ Co: _____ Evaluation Type: _____

Instructor/Badge: _____ Instructors Signature: _____ Date: _____

Ventilation General Overview	NO	YES
Does the FF recognizes factors that may hinder a Ventilation Operations		
Does the FF understand Negative Pressure Ventilation and conditions it is best utilized		
Does the FF understand Positive Pressure Ventilation and conditions it is utilized		
Does the FF understand Hydraulic Ventilation and how and when it is utilized		
Does the FF understand Horizontal Ventilation and when it is utilized		
Does the FF know which position(s) typically provide Horizontal Ventilation		
Does the FF understand Verical Ventilation and when it is utilized		
Does the FF know which position(s) typically provide Vertical Ventilation		
Does FF understand that ventilation will change fire/smokes flow path in a structure		
Negative Pressure Ventilation <small>NFPA 1001 (2013) - 5.1.2; 5.3.11 NYS Skill 13-I-1, 13-I-2</small>	NO	YES
Has the FF selected an approprite exhaust opening taking into account natural smoke traits (downwind) and a path inside of least resistance		
Has the FF utilized the approprite tools to ready exhaust opening in a safe manner		
Has the FF placed the fan in the exhaust opening, by hanging it in opening (window or door) or by placing a ladder outside opening and hanging fan from it		
If neccessary did FF utilize Salvage covers/tarp to control air flow to exhaust fan or to prevent churing and exhausted being recirculated back inside structure		
<i>Once Air Exiting</i> , did the FF create an intake opening, allowing freah air to enter the structure from the upwind side of the structure		

Positive Pressure Ventilation NFPA 1001 (2013) - 5.1.2; 5.3.11 NYS Skill 13-I-3	NO	YES
Has the FF selected an appropriate air entry point, taking into account natural smoke traits (upwind) and a path inside of least resistance		
Has the FF selected an appropriate exit point, taking into account natural smoke traits (downwind), one that's NOT larger than entry point and opposite it		
Has the FF utilized the appropriate tools to ready exhaust opening in a safe manner		
Has the FF confirmed orders to start fan and begin introducing air into structure		
Has FF ensured a cone of air flow is larger than the entry opening covering it or adjusted the fans location if necessary		
Has the FF of the exhaust exit team, coordinated operations channeling the air flow through structure by opening and closing interior doors as needed		
Does FF recognize stacking another air entry fan behind the original fan will increase the volume of air being introduced into the structure		
Has Firefighter Displayed Competency on Mechanical Ventilation Operations		

Instructor Notes