



WESTBURY FIRE DEPARTMENT

Hose Compay #2



Roof Operations - Ventilation

NFPA 1001 (2013) - 5.3.11 NYS FF SKILL 13-I-5, 6, 7, 8

Name/Badge: _____ Co: _____ Evaluation Type: _____
 Instructor/Badge: _____ Instructors Signature: _____ Date: _____

Operations - Prior To Entering The Roof	NO	YES
Has the FF verified Type of Roof via CAD and knows the types of roofs we don't enter		
<i>If Sturcture has a workable roof</i> : Has the FF check if Saw is operating properly - <i>Off Rig</i>		
Has the FF pulled: Appropriate Saw, Life Rope, Utility Rope, Set of Irons & 8'or > Hook		
Has the FF chosen an appropriate means to gaining access onto the roof		
Has the FF considered hauling some or all tools up to roof via utility rope		
Has the FF sounded the roof prior to exiting the ladder and onto the roof		
Has the FF observed or planned a 2nd means of egress prior to exiting onto the roof, via: <i>a 2nd ladder, fire escape, goose neck, fire wall to adjacent roof</i>		
Operations - Once on the Roof	NO	YES
Has FF looked over all 4 sides and reported findings to IC, inturn alerting All		
<i>Did FF Report Include</i> : Sizes of Structure, number of floors in the Rear vs. Front		
<i>Did FF's Report Include</i> : Easiest Access to the Rear		
<i>Did FF's Report Include</i> : fire conditions, closest point of fire & if / where vented		
<i>Did FF's Report Include</i> : Roof hazards and loads on the roof/location		
<i>Did FF's Report Include</i> : locations of any fire stops (<i>if row of stores/building</i>)		
<i>Once Report made</i> : Did FF open Bulkheads (if present) checking inside for Victims		
<i>Once bulkhead opened and checked</i> : did FF open Natural vents - Skylights/Scuttles		
<i>Once Skylights open</i> - was Draftguard cleared and returns opened exposing cockloft		
<i>Once Scuttles opened</i> - was returns opened exposing cockloft		
Did FF report conditions inside the cockloft to the IC - alerting all on scene		
Does the FF know if such Roof needs to be cut - <i>only when fire floor is floor below roof</i>		

Operations - Cutting a Roof	NO	YES
Does FF have all necessary equipment on roof before making cuts, includes a 2nd FF		
Did FF determine a cut point closest to fire location by assessing fire conditions		
Did FF make inspection(s) cuts to assess roof material, validating the roof rafters are running to the shortest width of the roof and determine closest point of fire		
If FF's Inspection cut revealed Gypsum or Q deck - was it reported to the IC and was roof operation ceased and the roof immediately exited		
When Cut Position determined - was the 7 9 8 cut made where the side of the 7 cut was made perpendicular to the direction of the roof rafter - <i>to expose most bays</i>		
Did the FF overlap their cuts - taking into account the underside of cut to be less than top		
Did the FF make a cross cut in the corner of the 7 creating a pry point		
Did the FF make the 7 cut approximately 4' x 8'		
<i>Upon completion of the 7 cut</i> - Did the FF make the 7 into a 9, overlapping all cuts		
<i>Upon completion of the 9 cut</i> - did the FF make the 9 into an 8, overlapping all cuts		
<i>Once all cuts are made</i> - was saw shut down & place where not to be a trip hazards		
Did FF pull the cut sections of roof in a way where the 1st section pulled was windward, allowing exiting smoke not to hinder the removal of the 2nd section		
Once sections were removed, was ceiling(s) below pushed down, allowing smoke to exit		
If Roof opened and a 2nd roof was found below - was this reported to IC		
If roof opening was little or non effective - Did FF's consider making a 2nd roof opening		
If opening effective did FF consider extending the cut - as long roof remains safe		
Has Firefighter Displayed Competency on Roof Operations in Ventilation		

Instructor Notes