

NC FIRE and RESCUE COMMISSION
Firefighter Level I
Practical Skill Scenarios

1 OF 4: Ventilation / Roof Integrity

NFPA 1001, 5.3.12

Performance Objectives: The candidate, while wearing full personal protective equipment shall, before stepping onto the roof, simulate the methods for determining if the roof is sound.

Performance Evaluation: The evaluator shall have the candidate simulate the proper method for determining the integrity of the roof. The evaluator shall provide the candidate with all equipment necessary for the skill. The Candidate shall perform the skill in full personal protective equipment.

Instructor's Statement: The candidate, when presented with a structure to ventilate, shall demonstrate determining if the roof is sound by simulation.

Recommended Equipment List:

NC FIRE and RESCUE COMMISSION
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STUDENT'S NAME _____ ID# _____

EVALUATOR _____ DATE _____

ROOF INTEGRITY

SCORING

	YES	ADD
a) Notes (mentions) equipment that would place excess weight on a roof.	<input type="checkbox"/>	20
b) Checks for bubbles or melting of tar.	<input type="checkbox"/>	20
c) "Sounds" the roof (States that the- "tool should spring back").	<input type="checkbox"/>	20
d) Checks for smoke coming from the roof.	<input type="checkbox"/>	20
e) States whether or not the roof is safe.	<input type="checkbox"/>	20

POINTS

Total points possible for this evaluation skill: 100

Total points needed to pass: 70

Total points scored by the candidate: _____

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2 OF 4: VENTILATION / OPENING WINDOWS

NFPA 1001, 5.3.4

Performance Objectives: The candidate shall demonstrate the manual (without tools) opening of locked windows from inside the structure and unlocked windows from outside the structure. The candidate shall then demonstrate or simulate the opening of the same locked windows, utilizing forcible entry tools. At least two different style windows will be used in the test.

Performance Evaluation: The evaluator will locate at least two different style windows in a structure and have the candidate open them from inside and outside without utilization of tools. This simply illustrates the candidate is aware of the window's operational mechanics. With the simulation window, the candidate shall force entry of the locked windows in order to Facilitate ventilation. The candidate shall pick the tool of his/her choice.

Instructor's Statement: The candidate, when presented with two different styles of windows shall demonstrate the manual opening of locked windows from inside the structure and unlocked windows from outside the structure. The candidate shall then demonstrate or simulate the opening of the same locked windows, utilizing forcible entry tools provided.

Recommended Equipment List:

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STUDENT'S NAME _____

ID# _____

EVALUATOR _____

DATE _____

OPENING WINDOWS

SCORING

YES

ADD

- a) Successfully opens the locked window from inside
- b) Successfully opens an unlocked window from outside
- c) Opens an unlocked window with a forcible entry tool.
- d) Successfully blocks an open window

10

10

10

10

SAFETY

- e) Picks an appropriate forcible entry tool
- f) Makes only one trip for needed tools
- g) Wears appropriate PPE
- h) Opens window causing minimal damage.

10

10

20

20

POINTS

Total points possible for this evaluation skill: 100

Total points needed to pass: 70

Total points scored by the candidate: _____

NC FIRE and RESCUE COMMISSION
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3 OF 4: VENTILATION / BREAKING WINDOWS

NFPA 1001, 5.3.4

Performance Objective: The candidate, presented with a glass window or glass door and a forcible entry tool of their choice, shall demonstrate the procedure for removing the glass completely and safely.

Performance Evaluation: The evaluator shall locate a suitable glass door or window and present a need to the candidate to have the glass removed for ventilation purposes. The candidate can pick from a variety of forcible entry tools available to that department. Safety is emphasized during this demonstration or simulation, including suitable protective clothing.

Instructor's Statement: The candidate, presented with a glass window or glass door and a forcible entry tool of their choice, shall demonstrate the procedure for removing the glass for ventilation purposes.

Recommended Equipment List:

NC FIRE and RESCUE COMMISSION
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STUDENT'S NAME _____ ID# _____

EVALUATOR _____ DATE _____

BREAKING WINDOWS

SCORING

	YES	ADD
a) Chooses an appropriate tool for the task.	<input type="checkbox"/>	10
b) Carried the tool in a safe manner	<input type="checkbox"/>	10
c) Stood to the winward side of the window – or mentions procedure	<input type="checkbox"/>	10
d) Uses tool correctly	<input type="checkbox"/>	10
e) Strikes the top of the window first	<input type="checkbox"/>	10
f) Keeps hands above the point of impact	<input type="checkbox"/>	10

SAFETY

g) Wears full PPE	<input type="checkbox"/>	20
h) Removes all of the glass and cleans area of sharp edges	<input type="checkbox"/>	20

POINTS

Total points possible for this evaluation skill: 100

Total points needed to pass: 70

Total points scored by the candidate: _____

NC FIRE and RESCUE COMMISSION
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4 OF 4: VENTILATION OF PITCHED AND FLAT ROOFS

NFPA 1001, 5.3.12

Performance Objective: The candidate, given the necessary tools such as ladders, axes, power saws, pike poles, roofs or roof props, shall select the equipment needed to ventilate the roof and then proceed to demonstrate making an adequate opening in the roof for ventilation purposes.

Performance Evaluation: The evaluator shall locate a flat or pitched roof on a structure or a roof prop available for simulation, the evaluator shall identify location of simulated fire, wind direction, strength and existing exposures. The candidate should then choose adequate equipment (power or hand tools) and additional help in order to perform ventilation on the roof. The evaluator should arrange for other firefighters to assist as needed. The candidate and all assistants must don adequate protective clothing. This skill evaluation shall start with a suitable ladder already placed for climbing to the roof and the necessary tools at or near the ladder. Due to the variety of roofs and particular situations, skill evaluators may be required to make minor adjustments in the skill. During the skill evaluation, the candidate must physically demonstrate and/or verbally explain each one of the evaluation steps listed in order to receive the point(s) for that step. Failure to do so will result in no point(s) being awarded for that particular evaluation step. The candidate shall state that they would coordinate efforts with suppression crew.

Instructor's Statement: The candidate shall select the equipment needed to ventilate the roof and then proceed to demonstrate making an adequate opening in the roof for ventilation purposes.

Recommended Equipment List:

NC FIRE and RESCUE COMMISSION
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STUDENT'S NAME _____

ID# _____

EVALUATOR _____

DATE _____

VENTILATION OF PITCHED AND FLAT ROOFS

SCORING

	YES	ADD
a) Organizes & collects the necessary equipment	<input type="checkbox"/>	2.5
b) Accesses the roof safely (proper ladder technique, etc.).	<input type="checkbox"/>	2.5
c) Moves roof ladder to roof and uses it to distribute weight.	<input type="checkbox"/>	2.5
d) Moves tools to roof safely utilizing teamwork.	<input type="checkbox"/>	2.5
e) Selects most suitable location to ventilate based on fire location, highest point, exposures, and safety.	<input type="checkbox"/>	10
f) Stands upwind from location of cut.	<input type="checkbox"/>	2.5
g) Works from safety of roof ladder.	<input type="checkbox"/>	2.5
h) Locates roof joists by sounding with tool.	<input type="checkbox"/>	2.5
i) Marks off the opening (scratch surface, etc.).	<input type="checkbox"/>	2.5
j) Removes built-up material.	<input type="checkbox"/>	2.5
k) Cuts the decking ALONGSIDE the joist.	<input type="checkbox"/>	10
l) Cuts large hole 4x4 (or may state that one large opening is better than several small ones).	<input type="checkbox"/>	2.5
m) Removes all roof material after cuts.	<input type="checkbox"/>	2.5
n) Pushes ceiling through using pike pole or other adequate tool.	<input type="checkbox"/>	10

SAFETY

o) Provides two means of escape.	<input type="checkbox"/>	2.5
p) Checks the roof for integrity.	<input type="checkbox"/>	2.5
q) Looks for overhead obstructions.	<input type="checkbox"/>	2.5
r) Makes sure that everyone is out of range of tools.	<input type="checkbox"/>	10
s) Starts power tools on the ground.	<input type="checkbox"/>	2.5
t) Doesn't cut towards the body.	<input type="checkbox"/>	10
u) Makes sure that the structural members are not cut.	<input type="checkbox"/>	2.5

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STUDENT'S NAME _____ ID# _____

EVALUATOR _____ DATE _____

POINTS

Total points possible for this evaluation skill: 100

Total points needed to pass: 70

Total points scored by the candidate: _____