

City of Bend Fire and Rescue

Section 1.3 - VENTILATION

Task 1.3.1 – Positive Pressure Ventilation

STANDARD:

1. Properly ventilate house in conjunction with fire attack.
2. Use all safety precautions

RESOURCES:

1. Full protective clothing and SCBA
2. Positive pressure fan
3. Building
4. Related equipment as necessary

PROCEDURE:

1. Locate Fire.
2. Make sure fan placement will not spread fire.
3. Determine wind direction (if possible).
4. Remove equipment from apparatus.
5. Place fan at point of entry (approx. 6 ft. back)
6. With fan turned 90 degrees from opening, start fan and idle.
7. On command to ventilate, turn fan to opening and throttle to full power.
8. Check for cone of air around opening.
9. Open structure as near to origin of fire with in seconds of starting fan to remove heat and smoke.
10. Systematically open and close exit openings until satisfied with results.
11. Maintain Breathing apparatus/respirators while in structure until CO levels return to normal levels.

SAFETY CONSIDERATIONS:

1. Full Personal Protective Clothing including SCBA and portable radios are used throughout the operation.
2. Continually monitor fire/smoke conditions prior to, during and after ventilation operations.