

SECTION 8 VENTILATION PRACTICES

The Certification Board suggest it will take a class of **40** individuals **24** hours to cover the following objectives in this section (actual time may vary based on class size).

BASIC

- 8-01.01* Trainee shall define the principles of ventilation, and identify the advantages and effects of ventilation.
- 8-01.02* Trainee shall identify the dangers present, and the precautions to be taken in performing ventilation.
- 8-01.03* Trainee shall demonstrate opening various types of windows from inside and outside, with and without fire department tools.
- 8-01.04* Trainee shall demonstrate breaking window or door glass, and removing obstructions.
- 8-01.05* Trainee, using an axe, shall demonstrate the ventilation of a roof and a floor.
- 8-01.06 Trainee shall demonstrate ventilation using a water fog.
- 8-01.07* Trainee shall define theory of a back draft explosion.
- 8-01.08 Trainee shall identify signs of a potential flashover.

INTERMEDIATE

- 8-02.01 Trainee shall demonstrate the use of different types of power saws and jack hammers.
- 8-02.02 Trainee shall identify the different types of roofs, demonstrate the techniques used to ventilate each type, and identify the necessary precautions.
- 8-02.03 Trainee shall identify the size and location of an opening for ventilation, and the precautions to be taken during ventilation.
- 8-02.04 Trainee shall demonstrate the removal of skylights, scuttle covers, and other covers on rooftops.
- 8-02.05 Trainee shall demonstrate the types of equipment used for forced mechanical ventilation.

ADVANCED

- 8-03.01 Trainee shall identify and demonstrate natural and mechanical methods for horizontal ventilation of a structure.
- 8-03.02 Trainee shall identify and demonstrate natural and mechanical methods for vertical ventilation of a structure.
- 8-03.03 Trainee shall identify the location of the opening, the method to be used, and the precautions to be taken when ventilating a basement.