

**SECTION 27 SELF-CONTAINED BREATHING APPARATUS**

The Certification Board suggest it will take a class of 40 individuals 32 hours to cover the following objectives in this section (actual time may vary based on class size).

**BASIC**

- 27-01.01\* Trainee shall identify at least four (4) hazardous respiratory environments encountered in fire fighting.
- 27-01.02\* Trainee shall demonstrate the use of self-contained breathing apparatus in conditions of obscured visibility.
- 27-01.03\* Trainee shall identify the physical requirements of the wearer, the limitations of the self-contained breathing apparatus, and the safety features of types of self-contained breathing apparatus available to local authority having jurisdiction.
- 27-01.04\* Trainee shall demonstrate donning self-contained breathing apparatus while wearing protective clothing in a seated position on an apparatus with a seat belt on.
- 27-01.05\* Trainee shall demonstrate that the self-contained breathing apparatus is in a safe condition for immediate use.
- 27-01.06\* Trainee shall identify the procedure for cleaning and sanitizing self-contained breathing apparatus for future use.
- 27-01.07 Trainee shall demonstrate the use of SCBA in conditions of restricted passage.
- 27-01.08 Trainee shall demonstrate replacement of an expended cylinder on an SCBA assembly with a full cylinder.

**INTERMEDIATE**

- 27-02.01 Trainee shall identify the procedure for daily inspections and maintenance of self-contained breathing apparatus.
- 27-02.02 Trainee, given each type of self-contained breathing apparatus, shall demonstrate the correct procedure for recharging.
- 27-02.03 Trainee shall demonstrate the following emergency techniques using self-contained breathing apparatus to:
  - A. assist other firefighters
  - B. conserve air
  - C. show restrictions in use of by-pass valves
  - D. breathing from the breathing tube or regulator in the event of a face piece failure
- 27-02.04 Trainee shall demonstrate the procedure for cleaning and sanitizing self-contained breathing apparatus for future use.

**ADVANCED**

- 27-03.01 Trainee shall identify and define the operational components of all types of protective breathing apparatus.
- 27-03.02 Trainee, without compromising the rescuers respiratory protection, shall demonstrate rescue procedures for the following:
  - A. a firefighter with functioning respiratory protection
  - B. a firefighter without functioning respiratory protection
  - C. a civilian without respiratory protection