

<h1>Campbell County Fire Department</h1> <h2>Standard Operating Procedure</h2>		
Safety	Air Management	202.02

I. PURPOSE:

The purpose of this Standard Operating Procedure (SOP) is to describe the Air Management procedures to be followed when wearing self-contained breathing apparatus.

II. SCOPE:

This SOP applies to all Campbell County Fire Department personnel when utilizing Self Contained Breathing Apparatus (SCBA), to include but not limited to; structural firefighters, hazmat team members, and firefighter trainees.

III. PROCEDURE:

1. Definitions:

- 1.1. Immediately Dangerous to Life and Health (IDLH) — Any condition that would pose an immediate or delayed threat to life, cause irreversible adverse health effects or interfere with an individual's ability to escape unaided from a hazardous environment.
- 1.2. Low Air Condition - When the low air alarm sounds on any crew members self-contained breathing apparatus being utilized in an IDLH environment.
2. It will be the procedure of the Campbell County Fire Department, that members will maintain an awareness of their air supply while working in IDLH atmospheres. In addition, the last 1100 psi of that air supply shall only be used in the event of an emergency that interferes with normal egress from that hazardous environment.
3. Each member has two responsibilities while wearing an SCBA in an IDLH environment: 1) perform regular air pressure checks to confirm the remaining air supply in their SCBA cylinder. 2) manage the remaining air supply so that they can exit the IDLH environment before activation of the low air alarm begins.
4. Supervisors operating in a hazardous environment (i.e. company officers) have two additional responsibilities: 1) Ensure the safety of all members of the company or crew by maintaining awareness of the air status of each person they are supervising and 2) Ensure egress with sufficient time to avoid low air alarm activation inside the hazardous environment.
5. Activation of the SCBA low air alarm in an IDLH environment shall be treated as an emergency condition. Members experiencing this condition must immediately notify members of their crew and supervisor. Supervisors must notify command that the crew is exiting the IDLH environment under a Low Air Condition.
6. If a supervisor feels that the crew cannot immediately exit the environment then the supervisor must declare a **mayday**, identifying who (i.e. which company) has the

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emergency, where they are located, and ability to egress the hazardous environment (or assistance needed).

7. Supervisory personnel located outside the IDLH environment (i.e. Command, Division or Group Supervisors) shall check air status whenever asking for a report on conditions. Supervisory personnel should ensure that sufficient resources are available to provide for continued tactical operations while complying with this procedure.

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