Bath Township Fire Department			Standard Operating Guideline	
Section Equipment	**Referral No.** E-O6	**Subject:** Rescue 1309 Cascade System Operation	**Date Issued** 11/02	**Date Revised** 6/13

Purpose:

- To provide guidelines for operation of the mobile cascade system located on Rescue 1309.

Scope:

- This standard operating guideline shall apply to all personnel.

Responsibilities:

- Officer
  - All officers will ensure that any personnel operating the cascade compressor are properly trained.
  - The person operating the cascade compressor will do so in a safe manner.

- Personnel
  - All personnel have the responsibility of wearing proper safety equipment and operating the cascade compressor in a safe manner.

Guidelines:

- Only those properly trained on the mobile cascade system, will use it.
- The cascade system will be used to fill only bottle's that is was designed to fill.
- When filling a SCBA bottle, it is to be removed from the SCBA pack prior to filling.
- The SCBA bottle will be placed in the bottle holder/fragmentation container.
- The bottle will be visually inspected prior to filling.

* Attach Fill hose to bottle, Open empty SCBA bottle, open first cascade bottle, and slowly adjust regulator to desired pressure.
* Once the cascade bottle and the SCBA bottle have equalized, it may be necessary to close the cascade bottle and precede the next bottle.
* The air bottle being filled will be filled only to its recommended pressure.
* Ensure that only one cascade bottle is in the open position.
* Once bottle is filled to the desired pressure, shut off cascade bottle valve, fill-hose valve, and SCBA bottle valve, and open fill-hose pressure relief valve.
* Disconnect hose from bottle.
* If problems are encountered, request assistance.
* The Cascade will be refilled as soon as possible after use, or if level is at or below 5500psi.
* Any damage or malfunction to the system shall be reported to an officer and a repair slip filled out.

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