



Wintergreen Fire and Rescue Standard Administrative Policy	
Subject:	Filling Air Bottles
Reference Number:	FIRE 02-015
Effective Date:	29-May-15
Last Revision Date:	19-Feb-22
Signature of Approval	Curtis Sheets, Chief

Purpose:

To provide a uniform and safe procedure for filling air bottles

Policy:

Air bottles will be filled in the following manner to assure that it will be as safe and consistent as possible.

- Air bottles to be filled shall be checked first for a current hydrostatic test date and inspected to make sure there are no defects in the bottle that may weaken its integrity. The exception to this is the yellow bottles we use to blow out smoke detectors. They will only be filled with 2000 psi.
- Air bottles shall be placed in the rupture containment receptacle, hooked up, bleeder valves shall be closed, and the receptacle shall be closed prior to filling.
- The pressure regulator will then be set to the proper pressure for the bottles being filled. Bottles of only the same pressure will be filled at a time. NO bottles of different pressure shall be loaded together. 2216, 4500 PSI as well as SCUBA bottles can be filled. The air quality of our filling station is tested in accordance with regulations, which allow us to fill SCUBA bottles.
- Once the bottles and controls are set they shall be cascaded: Example: Open bank one slowly until it has filled as much as possible then turn it off and open bank two and so on. Under no conditions should all of the banks be equalized.
- Once the bottles are filled, the banks will be turned off and the fill valve shall be turned off. The receptacle will then be opened. Depending on the bottle type being filled the bottle valve will be turned off or whatever necessary steps to prevent the bottle from being emptied when the bleeder is opened. The bleeder valve shall then be opened to relieve pressure so the hose can be safely disconnected.
- Bottles not meeting the criteria for filling or that have other issues shall be reported to the Deputy Chief and noted OOS with a red tag including what repairs are needed.
- Any bottles filled should be recorded in the Unit Check form found on eSchedule using the minimum information of unit number, date, and bottle number.