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Waterloo Vol Fire Department Standard Operating Guidelines

Operation of the Breathing Air Compressor and Fill Systems

Purpose:

The purpose of this guideline is to understand the use of the breathing air compressor and fill systems used by the Waterloo Fire Department.

Operation:

When preparing to fill SCBA bottles, always check the following items:

- The bottles hydro-test date.
- The bottles maximum pressure.
- Any damage to the bottle that may make it unsafe to you or the user.

Hydro-test Date:

The bottle hydro-test date can be located by looking for the test sticker. It may be any size sticker somewhere on the bottle. Most tanks used today are composite. An acceptable test date would be five years from the oldest date found.

Bottle Age:

The bottle age will be listed on the large manufacturer tag by month and year. Composite bottles have an end of life of fifteen years from the date of manufacture.

Bottle Pressure:

Most common bottle pressure is either 4500 or 2216 PSI. Confirm on the large manufacturer tag to confirm pressure.

Compressor:

Only properly trained members shall use this equipment to fill the fill system tanks on the compressor, on Truck 1641 or other agency's tanks.

After using the compressor fill system, you shall run the compressor to maintain the tanks at a full level.

The compressor will shut off when completed.