

TOWN OF SHEBOYGAN

Residential and Small Commercial Meter Setting Specifications

Revised 5/16/2022

The following specifications provide consistent standards for water meter settings in the TOWN OF SHEBOYGAN. Based on information obtained from American Water Works Association (AWWA) standards, Badger Meter Inc., and Master Meter Inc., these specifications help to ensure the meter's accuracy and the safety of workers who must maintain meters. Meter sizes will be selected by the Town of Sheboygan, based off flows provided by the plumbing designer.

- **Horns (yokes):** Meter horns, furnished and installed by the contractor, are required on all new residential installations, including single and multiple dwelling units. Horns must not have built-in backflow prevention. Meter horns are strongly encouraged, but not required on existing installations unless the entire meter setting must be rebuilt. Meter horns shall have a 7 1/2" inch laying length. The contractor is responsible for sizing meter horn to plumbing design and meter specifications.

- **Valves:** All meter settings must have two valves (inlet and outlet). Existing installations with only a functional inlet valve are acceptable. If an existing setting has valves in need of replacement, then the setting will need to be rebuilt, including the addition of a horn. Outlet valves shall not be installed closer than 6" from the meter horn flanges. Multiple dwelling and commercial settings must have a lockable in-valve, minimum 3/4" diameter. Valves shall have handles and be operable. It is the responsibility of property owner to maintain valves.

- **Support:** All meter horns shall be full pipe clamped to the wall or floor within 6" inches of the inlet and outlet of the horn. All support hardware must be compatible material to reduce the potential for galvanic action with the piping. Support hardware cannot distort, cut, or abrade the piping and must be sufficiently rigid to support the piping and its contents. Radiator clamps and pipe rests are not acceptable means of support.

- **Clearance:** All meter settings shall maintain 18" of unobstructed space from the floor to center pipe of the meter. The center pipe of the meter shall be no higher than 48" from the floor. A minimum of 12" of unobstructed space must be maintained above the meter lens. 36" of unobstructed space must be maintained in front of the meter setting.

If multiple meters are stacked, 24" of unobstructed space shall be maintained between the bottom meter, center of pipe and the top meter, center of pipe. If multiple meters are parallel or in a row, 6" of space must be maintained between each meter horn.

All water meters shall be installed and removed by Town of Sheboygan District 3 staff. Contact the Town of Sheboygan, (920) 451-2320, at least 24 hours in advance to schedule the installation. Meter installs will only be performed Mon-Thurs 7am-3pm or by special appointment.