

**CHAPTER 62-04-02  
GENERAL PROVISIONS**

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**62-04-02-01. Conformance with code.**

All plumbing materials and water conditioning systems or parts thereof installed hereafter shall meet or exceed the minimum provisions of this article and conform to national sanitation foundation, underwriters laboratories, or water quality association listed standards.

**History:** Amended effective January 1, 1992.

**General Authority:** NDCC 43-18.1-03

**Law Implemented:** NDCC 43-18.1-04

**62-04-02-02. Fittings and connections.**

1. **Prohibited fittings.** No running threads, bands, or saddles shall be used in the drainage system. No drainage or vent piping shall be drilled, tapped, burned, or welded. The provisions of this subsection may be waived by the administrative authority.
2. **Obstruction to flow.** No fitting, connection, device, or method of installation which obstructs or retards the flow of water in the water conditioning system in an amount greater than the normal frictional resistance to flow, shall be used unless it is indicated as acceptable in this article or is approved by the administrative authority as having a desirable and acceptable function and as of ultimate benefit to the proper and continuing functioning of the water conditioning system.

**General Authority:** NDCC 43-18.1-03

**Law Implemented:** NDCC 43-18.1-04

**62-04-02-03. Health and safety.**

Where a health or safety hazard exists on a premise by reason of an existing installation, the owner or the owner's agent shall make such corrections as may be necessary to abate such nuisance and bring the water conditioning installation within the provisions of this article.

**General Authority:** NDCC 43-18.1-03

**Law Implemented:** NDCC 43-18.1-04

#### **62-04-02-04. Safety.**

Any part of a building or premise which is changed, altered, or required to be replaced as a result of the installation, alteration, renovation, or replacement of a water conditioning system, or any part thereof, shall be left in a safe, nonhazardous condition.

**General Authority:** NDCC 43-18.1-03

**Law Implemented:** NDCC 43-18.1-04

#### **62-04-02-05. Electrical grounding.**

Whenever the cold water distribution piping is used for grounding the electrical system it shall not be interrupted by a nonmetallic bushing, union, or valve unless an electrician licensed by the North Dakota electrical board installs a properly sized bonding jumper with approved clamps and connections. (Refer to article 250 of the National Electrical Code.)

**General Authority:** NDCC 43-18.1-03

**Law Implemented:** NDCC 43-18.1-04

#### **62-04-02-06. Workmanship.**

Water conditioning systems shall be installed in workmanlike manner conforming to generally accepted good practice.

**General Authority:** NDCC 43-18.1-03

**Law Implemented:** NDCC 43-18.1-04

#### **62-04-02-07. Protection of pipes.**

1. **Breakage.** Pipes passing under or through walls shall be protected from breakage. Any plumbing pipe passing under a footing or through a foundation wall shall be provided with a relieving arch; or there shall be built into the masonry wall an iron-pipe sleeve two pipe sizes greater than the pipe passing through; or equivalent protection shall be provided as may be approved in writing by the administrative authority.
2. **Corrosion.** Pipe subject to corrosion by passing through or under corrosive fill, such as, but not limited to, cinders, concrete, or other corrosive material, shall be protected against external corrosion by protective coating, wrapping, or other means which will resist such corrosion.
3. **Cutting or notching.** Any structural member weakened or impaired by cutting, notching, or otherwise, shall be reinforced, repaired, or replaced, so as to be left in a safe structural condition in accordance with the requirements of the building code or as required by the proper administrative authority.

**General Authority:** NDCC 43-18.1-03

**Law Implemented:** NDCC 43-18.1-04

#### **62-04-02-08. Sleeves.**

In exterior walls annular space between sleeves and pipes shall be filled or rightly caulked with coal tar, asphaltum compound, lead, or other material found equally effective and approved as such by the administrative authority.

**General Authority:** NDCC 43-18.1-03

**Law Implemented:** NDCC 43-18.1-04

**62-04-02-09. Openings for pipes.**

In or on buildings where openings have been made in walls, floors, or ceilings for the passage of pipes, they shall be closed and protected by the installation of approved metal collars securely fastened to the adjoining structure.

**General Authority:** NDCC 43-18.1-03

**Law Implemented:** NDCC 43-18.1-04

**62-04-02-10. Used material or equipment.**

It shall be unlawful to sell, offer for sale, purchase, or install any used water conditioning material or equipment, unless it conforms to the standards and regulations set forth in this article.

**General Authority:** NDCC 43-18.1-03

**Law Implemented:** NDCC 43-18.1-04

**62-04-02-11. Condemned equipment.**

Any water conditioning equipment condemned by the administrative authority because of wear, damage, defects, or sanitary hazards shall not be used for water conditioning purposes.

**General Authority:** NDCC 43-18.1-03

**Law Implemented:** NDCC 43-18.1-04

**62-04-02-12. Connections to plumbing systems required.**

Every water conditioning unit, appliance, or appurtenance thereto which is to receive or discharge any liquid waste shall discharge to the sanitary drainage system of the building in accordance with the requirements of this article.

**General Authority:** NDCC 43-18.1-03

**Law Implemented:** NDCC 43-18.1-04

**62-04-02-13. Piping measurements.**

Except where otherwise specified in this article, all measurements shall be made to the center lines of the pipes.

**General Authority:** NDCC 43-18.1-03

**Law Implemented:** NDCC 43-18.1-04