

## **CHAPTER 62-04-05 HANGERS AND SUPPORTS**

### Section

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#### **62-04-05-01. Attachment to building.**

Hangers and anchors shall be securely attached to the building construction at sufficiently close intervals to support the piping and its contents.

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

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

#### **62-04-05-02. Vertical piping.**

1. Threaded pipe standard pipe size - at every other story height.
2. Copper tube - at each story height but not more than ten foot [3.05 meter] intervals.

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

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

#### **62-04-05-03. Horizontal piping.**

1. Horizontal pipe of the following materials shall be supported at not more than the distance intervals shown.
2. Steel threaded pipe - one-inch [2.54 centimeter] diameter or less - eight foot [2.44 meter] intervals. Over one-inch [2.54 centimeter] diameter - ten foot [3.05 meter] intervals.
3. Copper tube, one and one-fourth inch [31.75 millimeter] or less - six foot [1.83 meter] intervals.
4. Copper tube, one and one-half inch [38.1 millimeter] or over - ten foot [3.05 meter] intervals.

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

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

#### **62-04-05-04. Material.**

Hangers, anchors, and supports shall be of metal or other material of sufficient strength to support the piping and its contents.

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

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

#### **62-04-05-05. Strain and stresses in pipe.**

Piping in a water conditioning system shall be installed so as to prevent strains and stresses which will exceed the structural strength of the pipe. Provision shall be made for expansion and contraction of the piping.

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

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