

## 522 CMR: BOARD OF BOILER RULES

### 522 CMR 17.00: PIPING

#### Section

17.01: Authorization

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#### 17.01: Authorization

522 CMR 17.00 is authorized, formulated, and adopted under M.G.L. c. 22, § 10A and c. 146, §§ 45A, 81 through 89.

#### 17.02: Purpose

522 CMR 17.00 is necessary to protect the lives, property and public safety of the people of the Commonwealth, and to help in the conservation of our natural resources and environment, by the proper installation, modification, and disassembly for re-use of piping systems and/or equipment used to generate energy, heat, cooling, manufactured products, and for the conveyance and storage for liquids, solids, industrial gases, and chemical and petroleum products.

#### 17.03: Scope

All piping systems covered by 522 CMR 17.00 shall be constructed using the following standards:

For Power Piping: *ASME B31.1-2014 Power Piping*, the American National Standard Code for Power Piping. This is piping typically found in electric power generating stations, industrial and institutional plants, geothermal heating systems, and central and district heating and cooling systems.

For Process Piping: *ASME B31.3-2014 Process Piping*, the American National Standard Code for Process Piping. This piping is typically found in petroleum refineries, chemical, pharmaceutical, textile, paper, semiconductor, and cryogenic plants, and related processing plants and terminals.

For Refrigeration Piping and Heat Transfer Components: *ASME B31.5-2013 Refrigeration Piping and Heat Transfer Components*, the American National Standard Code for Refrigeration Piping and Heat Transfer Components. This piping is typically used for piping refrigerants and secondary coolants.

For Building Services Piping: *ASME B31.9-2014 Building Service Piping*, the American National Standard Code for Building Service Piping. This piping is typically found in industrial, institutional, commercial, and public buildings, and in multi-unit residences, which does not require the range of sizes, pressures, and temperatures covered in *ASME B31.1-2014 Power Piping*.

#### REGULATORY AUTHORITY

522 CMR 17.00: M.G.L. c. 146, §§ 1 through 51, 56 through 64 and 66 through 80.