

SECTION 2500 - WATER SUPPLY/HYGIENE

2501. Design and Construction (II)

A. A water distribution system, provided by a public or private source, shall be approved by the Department's Bureau of Water prior to facility construction and/or beginning operation.

B. The facility's water system shall be in compliance with R.61-58 and other State, Federal, and local laws and regulations.

C. Prior to construction, expansion, or modification of a water distribution system, application shall be made to the Department's Bureau of Water for a Permit for Construction. The application shall include such engineering, chemical, physical, or bacteriological data as may be required by the Department and shall be accompanied by engineering plans, drawings, and specifications prepared by an engineer registered in South Carolina and shall include his or her signature and official seal.

D. Construction and installation of stop valves and cross-connections shall conform to the requirements of the applicable sections of the adopted State, Federal, or local codes, ordinances, and regulations, whichever is most stringent.

2502. Disinfection of Water Lines (I)

A. After construction, expansion, or modification, a water distribution system shall be disinfected in accordance with R.61-58.

B. Samples shall be taken from the water system and forwarded to a certified laboratory for total coliform analysis in accordance with R.61-58. The water shall not be used as a potable supply until certified as satisfactory.

C. When a water supply as approved by the Department in accordance with R.61-58 is not available, a water supply shall be provided that meets the requirements of the Department. Prior to construction of such a water supply, the engineer shall obtain a permit to construct from the Department. Before placing the water supply into service, a final approval shall be obtained from the Department.

2503. Temperature Control (II)

A. Plumbing fixtures that require hot water and that are accessible to residents shall be supplied with water that is thermostatically controlled to a temperature of at least one-hundred (100) degrees Fahrenheit and not to exceed one-hundred and twenty (120) degrees Fahrenheit at the fixture. (I)

B. The water heater or combination of heaters shall be sized to provide at least six (6) gallons per hour per licensed bed at the temperature range indicated in Section 2503.A.

C. The temperature of hot water supplied to kitchen equipment, utensil sinks, dish machines, and sanitizers shall be maintained in accordance with requirements outlined in R.61-25. As an exception, hot water supplied to the kitchen equipment, utensil sinks, dish machines, and sanitizers may be supplied at no less than one-hundred and twenty (120) degrees Fahrenheit provided all kitchen equipment and utensils are chemically sanitized.

D. Hot water provided for washing linen and clothing shall not be less than one-hundred and sixty (160) degrees Fahrenheit. Should chlorine additives or other chemicals that contribute to the margin of safety in disinfecting linen and clothing be a part of the washing cycle, the minimum hot water temperature shall not be less than one-hundred and ten (110) degrees Fahrenheit, provided hot air drying is used.

E. Hot water distribution systems shall be of the recirculating type to assure hot water at each hot water outlet at all times.

2504. Design and Construction of Wastewater Systems (II)

A. A wastewater system, provided by a public or private source, shall be approved by the Department's Bureau of Water prior to facility construction and/or beginning operation.

B. The wastewater system for commercial kitchens shall be in accordance with R.61-25.