



# RISK CONTROL PLAN CITATIONS

## CHEMICAL SANITIZING

### CODE REQUIREMENT [310:257-7-66, 75, 79, 93, 95(3)]

#### **310:257-7-66. Warewashing machines, manufacturers' operating instructions**

- (a) A warewashing machine and its auxiliary components shall be operated in accordance with the machine's data plate and other manufacturer's instructions.
- (b) A warewashing machine's conveyor speed or automatic cycle times shall be maintained accurately timed in accordance with manufacturer's specifications.
- [Source: Added at 23 Ok Reg 2358, eff 6-25-06]

#### **310:257-7-75. Manual and mechanical warewashing equipment, chemical sanitization - temperature, pH, concentration, and hardness<sup>P</sup>**

A chemical sanitizer used in a sanitizing solution for a manual or mechanical operation at exposure times specified under OAC 310:257-7-95(3) shall meet the criteria specified under OAC 310:257-13-7, shall be used in accordance with the EPA registered label use instructions, and shall be used as follows:

- (1) A chlorine solution shall have a minimum temperature based on the concentration and pH of the solution as contained in Table 7 of Appendix A of this Chapter
- (2) An iodine solution shall have a:
  - (A) Minimum temperature of 20°C (68°F),
  - (B) pH of 5.0 or less or a pH no higher than the level for which the manufacturer specifies the solution is effective, and
  - (C) Concentration between 12.5 mg/L and 25 mg/L;
- (3) A quaternary ammonium compound solution shall:
  - (A) Have a minimum temperature of 24°C (75°F),
  - (B) Have a concentration as specified under OAC 310-257-13-7 and as indicated by the manufacturer's use directions included in the labeling, and
  - (C) Be used only in water with 500 mg/L hardness or less or in water having a hardness no greater than specified by the EPA-registered label use instructions;
- (4) If another solution of a chemical specified under (1) through (5) of this Section is used, the license holder shall demonstrate to the Department that the solution achieves sanitization and the use of the solution shall be approved; or
- (5) If a chemical sanitizer other than chlorine, iodine, or a quaternary ammonium compound is used, it shall be applied in accordance with the EPA-registered label use instructions.
- (6) If a chemical sanitizer is generated by a device located on-site at the food establishment, the chemical sanitizer shall be used as specified in paragraphs (1) through (4) of this Section and shall be produced by a device that:
  - (A) Complies with the regulation as specified in Sections 2(q)(1) and 12 of the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA);
  - (B) Complies with 40 CFR Part 152.500 Requirements for Devices and 40 CFR, Section 156.10 Labeling Requirements;
  - (C) Displays the EPA device manufacturing facility registration number on the device; and
  - (D) Is operated and maintained in accordance with manufacturer's instructions.

[Source: Added at 23 Ok Reg 2358, eff 6-25-06; Amended at 26 Ok Reg 1477, eff 6-11-09; Amended at 28 Ok Reg 2289, eff 11-1-11; Amended at 33 Ok Reg 1520, eff 9-11-16]

**310:257-7-79. Single-service and single-use articles, required use <sup>P</sup>**

A food establishment, without facilities specified under OAC 310:257-7-82 through 310:257-7-95 for cleaning and sanitizing kitchenware and tableware shall provide only single-use kitchenware, single-service articles, and single-use articles for use by food employees and single-service articles for use by consumers.

[Source: Added at 23 Ok Reg 2358, eff 6-25-06; Amended at 28 Ok Reg 2289, eff 11-1-11; Amended at 33 Ok Reg 1520, eff 9-11-16]

**310:257-7-93. Food-contact surfaces and utensils**

Equipment food-contact surfaces and utensils shall be sanitized.

[Source: Added at 23 Ok Reg 2358, eff 6-25-06]

**310:257-7-95. Hot water and chemical <sup>P</sup>**

After being cleaned, equipment food-contact surfaces and utensils shall be sanitized in:

(3) Chemical manual or mechanical operations, including the application of sanitizing chemicals by immersion, manual swabbing, brushing, or pressure spraying methods, using a solution as specified under OAC 310:257-7-75. Contact times shall be consistent with those on the EPA-registered label use instructions by providing:

(A) Except as specified under paragraph (3)(B) of this Section, a contact time of at least ten (10) seconds for a chlorine solution specified under OAC 310:257-7-75(1),

(B) A contact time of at least seven (7) seconds for a chlorine solution of 50 mg/L that has a pH of ten (10) or less and a temperature of at least 38°C (100°F) or a pH of eight (8) or less and a temperature of at least 24°C (75°F),

(C) A contact time of at least thirty (30) seconds for other chemical sanitizing solutions, or

(D) A contact time used in relationship with a combination of temperature, concentration, and pH that, when evaluated for efficacy, yields sanitization as defined in OAC 310:257-1-2.

[Source: Added at 23 Ok Reg 2358, eff 6-25-06; Amended at 28 Ok Reg 2289, eff 11-1-11; Amended at 33 Ok Reg 1520, eff 9-11-16]