

## APPENDIX B: ICE MACHINE CLEANING PROCEDURES

This document was adapted from the AFDO Food Emergency Pocket Guide. This guide can be downloaded as a smartphone app on an Android Device, or may be obtained from the following website: <http://www.afdo.org/page-1279483>

**Procedure 1: Commercial Removable. If the ice maker contains removable ice contact surfaces, then:**

- 1.1 If available, follow the manufacturer's recommended cleaning procedure, or:
- 1.2 Run the unit through 2 or 3 freezing cycles. This should ensure that water entering the unit is safe. Option: If the water supply line to the machine can be drained and flushed by disconnecting it or bypassing the machine, the freezing cycle can be skipped. Drain enough water to thoroughly flush the incoming water line; a 20-30 second run should suffice;
- 1.3 Turn the water supply off;
- 1.4 Disconnect the unit from electrical power (recommended);
- 1.5 Remove and discard any ice;
- 1.6 Remove all ice-contact parts of the machine and,
  - 1.6.1 Wash in hot, soapy water
  - 1.6.2 Rinse in clean water
  - 1.6.3 Sanitize for at least 2 minutes in a solution of one ounce of household bleach per three gallons of water (~100 ppm available chlorine);
- 1.7 Reassemble the unit and re-start machine.

**Procedure 2: Commercial Non-Removable. If the icemaker does not contain removable ice-contact surfaces or is designed to be cleaned in place, then:**

- 2.1 If available, follow the manufacturer's recommended cleaning procedure, or:
- 2.2 Run the unit through 2 or 3 freezing cycles or flush the water supply line (See Procedure 1.2);
- 2.3 Turn off the water supply;
- 2.4 Drain the machine;
- 2.5 Circulate a cleaning solution of warm soapy water for two minutes; drain system;
- 2.6 Circulate clean water rinse for two minutes; drain system;
- 2.7 Circulate a sanitizing solution containing one ounce of household bleach per three gallons of water. Ensure at least two minutes of contact time;
- 2.8 Drain the system;
- 2.9 Wash, rinse, and sanitize the ice storage bin;
- 2.10 Return the drain valves to their normal operating positions and restart system.