Florian Services

Protecting you against the hazards of water

January 17, 2007

Summary of changes to AAMI RD62 (difference between AAMI RD62:2001 and RD62:2006)

- Updated to include changes due to issuing RD52
- 200 cfu/ml bacteria limit was changed from a "should" to a "shall"
- Add requirement that bypass valves include a means to minimize the likelihood that the device will be inadvertently bypassed during normal operation of the system
- Allow the use of copper, brass, aluminum, zinc, etc. upstream of an RO device.
- Add a requirement to install a sample port after the Secondary Carbon filter.
- Allow the use of carbon with an iodine number below 900 if the carbon is susceptible to organic fouling.
- Home dialysis water systems are no longer exempt from needing 2 carbon filters and needing a 10 minute EBCT. Only "portable dialysis systems" are exempt.
- Allow the use of parallel carbon trains (2 Primary Carbon tanks in series with 2 Secondary Carbon tanks).
- Require backwashable carbon filters to be fitted with a mechanism of preventing the RO from being exposed to chlorinated water during backwashing (lockout the RO during carbon backwashing).
- Allow the use of UV to destroy chlorine.
- Add a section on using Anion Exchange Resin Tanks to remove organics, tannins, and other things (nitrate, sulfate).
- Add a section on chemical injection systems
- Prohibit the use of bladder tanks and pressure surge tanks in the distribution loop.
- Add a requirement to avoid site-tubes on tanks.
- Require direct feed systems to have a mechanism to preventing raw water from back-feeding into the distribution loop.
- Add a section on back-flow prevention devices.
- If using formaldehyde as a disinfectant, rinse until the residual is below 3 ppm (was 5 ppm).
- Allow the use of the DPD method for measuring ozone concentration.
- Require manufacturers to specify if the RO % rejection is calculated based on the conductivity of the feed water to the system or the conductivity of the feed water after mixing with recycled reject water.

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