

Basics of Sanitation

4 steps of sanitation

Step 1 Pre-Rinse

Purpose: To prepare the system or area for washing

- Removes food residues
- Enables wash chemicals to work more effectively
- Keeps CIP and COP tank free of food residues

Step 2 Wash

Purpose: To completely remove all food residues and soils from the area

- Ensures there are no nutrients available for the growth of microorganisms
- Eliminates soils that can affect equipment efficiency such as heat exchangers
- Removes soils that can harbour microorganisms

Step 3 Rinse

Purpose: To completely remove the wash solution

- Prevents redeposit of soil
- Returns the area to a neutral pH
- Sets up area so the sanitizer will work properly

Step 4 Sanitize

Purpose: To reduce the number of microorganisms

- Reduce the number of microorganisms
- Eliminate pathogens

4 factors for sanitation

Chemical
Time
Temperature
Turbulence