8 INDUSTRIAL SANITATION AND PERSONNEL FACILITIES

CASE STUDY

Marleck's Inc. has just completed repairs to its water pipes. The pipes were rather old and, in fact, some of the repairs were fairly extensive. Now the whole system must be disinfected before it can be put back into use. The disinfecting procedure is going to be complicated, especially because of the reservoirs and wells Marleck's has at its plant. Marleck's uses water not only in its manufacturing processes, but also in employee restrooms and locker rooms and in the company cafeteria. Cafeteria employees use large amounts of water to prepare meals and clean dishes. Marleck's management is interested in finding a way to reduce the amount of hot water used for cleaning. It has decided to look into using chemicals to sanitize utensils.

1. How can Marleck's disinfect its drinking water system?

2. How will it know the system has been successfully cleaned?

3. What does it need to know about the chemical method of sanitizing utensils?