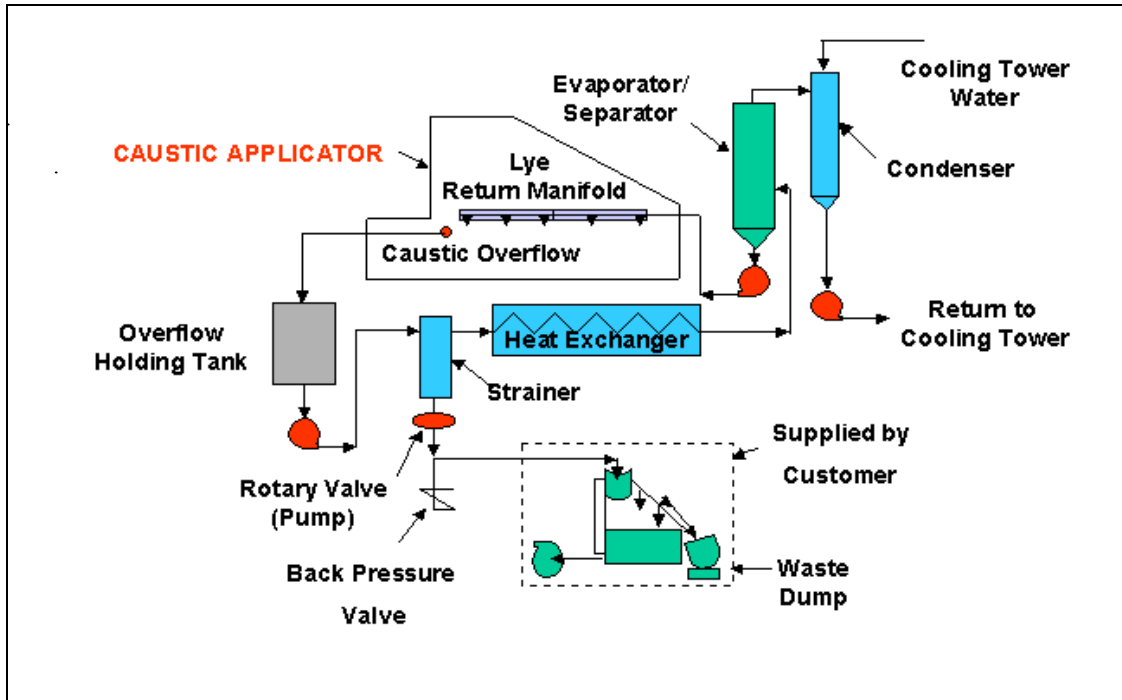


FMC FoodTech Caustic Recovery-Concentrating System



Objective: To reduce the use of caustic solution in peeling of tomatoes and other fruits by recovering and recycling overflow. System consists of a 2-stage process:

First Stage: Pumping of the caustic solution through a strainer to remove larger suspended solids such as leaves, peels and seeds.

Second Stage: Heating the caustic solution in the heat exchanger where the caustic solution is heated above its boiling point, then discharged into an evaporator to flash off excess water. The more concentrated caustic solution is returned to the applicator tank.

Major components:

- Strainer
- Pumps
- Heat exchanger
- Evaporator (Separator)
- Condenser
- Control System