

OBJECTIVE

To understand

- Process description
- Activated sludge process in food industry
- Important factors guiding activated sludge design
 - Design of activated sludge
 - a. Activated Sludge Process Variables
 - b. Loading Rate
 - c. Aeration tank
 - d. Oxygen requirements
 - e. Aeration facilities
 - f. Secondary Settling
 - Design of activated sludge
 - a. Sludge recycle
 - b. Excess Sludge Wasting
 - c. Nitrification
 - d. Denitrification
 - e. Cost of the instrument