

Summary:

The main aim of the industry is to produce large volumes of processed food materials hygienically at very competitive price. In order to achieve this, several factors such as availability of the raw materials at low cost, utility (such as water, electricity, fuel etc), skilled labor, logistics, plant layout contribute to the productivity (production at low cost). With the increased awareness of environment, pollution of air, water and solid waste disposal has gained importance. The trend of the modern industry is to have an integrated approach so that the industry would give out zero waste (solid, liquid and gaseous wastes). Selection of the location of the food industry plays a very important role. Location must take into consideration of nearness of availability of raw materials, skilled labor, market for the sale of the finished goods, utility etc. Plant layout for a food industry will either be a product or a process layout.