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# *Efficiency of plant operation*

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# Outline

- Introduction
- Definition
- Factors affecting plant operating efficiency
- Assessment of efficiency
- Financial and management efficiency



## Definition

Plant operating efficiency may be defined as the ability to produce the desired products with minimum efforts, expense and waste without sacrificing the workers' welfare.

## Factors affecting plant operating efficiency

1. Suitable location
2. Services and utilities
3. Well planned dairy building
4. Continuous supply of raw materials
5. Quality of raw materials
6. Specific work schedule



## 7. Proper processing units

Milk receiving equipments

Conveyor

Control panel

Supply of clean water

Cleaning method

Proper layout



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## Total quality management (TQM)

It is also very important for food industry as well as dairy industry. Total Quality Management is a management approach to long term success through customer satisfaction.

In a TQM effort, all members of an organization participate in improving processes, products, services and the culture in which they work. Important concept in implementing TQM is

Deming's 14 points, a set of management practices to help companies increase their quality and productivity.



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## Assessment of efficiency

1. Check up
2. Cloning the performance
3. Synchronization

Financial and managerial efficiency



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# Thank you