



DAIRY PROCESSING OPERATORS TRAINING - CASEIN PROCESSING

OVERVIEW

The course is targeted at plant operators in milk powder, casein and membrane filtration plants. The aim is to give operators an understanding of the process they control. It includes a summary of the individual parts of the process and its function.

Duration: 1 Day

OBJECTIVES

This course is intended to give all Dairy Processing Personnel:

- Basic understanding of the theory of the Casein Process.
- Understanding of the practical aspects of the individual parts of the Casein Process.

WHO SHOULD ATTEND

Operators, Frontline managers, Trainee technical managers, Maintenance workers/managers

SUMMARY CONTENT

- Principles of Casein Processing
- Feed system
- Preheating
- Coagulation
- Acid system
- Dewheyng
- Curd washing
- Process water
- Wash Towers / Wash Tanks
- Dewatering
- Decanters
- Clarifiers
- Whey
- Whey & Wash Water Fines
- Curd pumping, handling
- Casein Drying
- Powder conveying
- Control Systems
- pH
- Moisture control
- Casein Powder Specifications
- Casein Customer requirements



TRAINING METHODS

The course is tutor led with use of PowerPoint presentations, flipcharts and on the plants visits where practical. The exact content can be tailor made to reflect the details of a plant that is familiar to the participants.