



**DAIRY PROCESSING OPERATORS TRAINING
- UNDERSTANDING DAIRY PROCESS COMPONENTS & PRINCIPLES**

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 an understanding of the items of equipment and the engineering principles that they use on a daily basis.

WHO SHOULD ATTEND?

General operatives, Plant operators, Frontline managers, Trainee technical managers



SUMMARY CONTENT

- Pipe Work & Lines & Fittings
- Types of Pipeline Flow
- Pressure Drop
- Valves
- Pumps
- Cavitation
- Homogeniser
- Magnetic & Mass Flow Meter
- Fans
- Compressors
- Tanks – Vessels
- Heating
- Temperature
- Heat Exchangers
- Shell & Tube
- Flash Cooler
- Scraped Surface
- Plate Heat Exchange
- Pasteurisation
- Wet Blending
- Mixing, Separating
- Centrifugal Force
- Cyclone
- Vapour Separator
- Screw Conveyor

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 suit the needs of the participants.