



## Process Plant Operations

This short course aims to familiarize delegates with the principles, equipment design and operating characteristics of typical unit operations in process plants within chemical, petrochemical, water, oil and gas industries

The course runs over five days and includes lectures, case studies and a workshop on Process Design and Operation. All delegates will receive a Certificate of Attendance at the end of the course.

### What you will learn

On completion of the course, you will be able to:

- Demonstrate an in-depth understanding of operating characteristics of typical unit operations
- Carry out design calculations for a wide range of unit operations
- Propose the most appropriate selection of unit operations and operating conditions for a process plant for a given application.

### Core content

- Overview of Process Plant Operations
- Stirred Tanks
- Evaporators
- Crystallisers
- Dryers
- Thickeners
- Filters
- Centrifugal Separators

# OUTLINE



- Distillation
- Case Study – Ammonia Synthesis

## Who should attend

This course will be of particular interest to engineers or researchers in the chemical, petrochemical, water, oil and gas industries.