



شركة ميرك العربية السعودية
MEIRC Saudi Arabia

Distillation Operation Control Troubleshooting

Duration 5 Days

Introduction

This 5-day course offers a comprehensive study of distillation technology and provides an introduction to a variety of processes which employ this key unit operation.

The principles of distillation will be covered in detail to provide a platform on which the discussion of distillation column design, control and operation will be based.

The course is designed on a modular basis such that all major aspects of the unit operation are dealt with in a logical manner. Each module builds on the learning achieved in the previous session. Dynamic simulation is used to explore the topics covered on the course.

Who Should Attend

operations personnel whose work scope involves any number of tasks related to the management, control and operation of distillation units in a variety of refinery process plants.

Course Objectives

- Learn the Principles of Distillation
- Discover the characteristics of the various types of distillation.
- understand methods of operating and troubleshooting distillation columns.

Course Outlines:

- Principles of Distillation
- Distillation Process
- Distillation using Packed Towers
- Process Control
- Control Systems
- Tower Design
- Fractional Distillation
- Crude Oil Distillation
- Vacuum Distillation
- Special Application Distillation