Acrylic Acid & Lights Acrylates Units

2 days **PCH/ACRYL-E**

Overview

LEVEL

Skilled

PURPOSE

To provide a deeper understanding of the processes implemented in acrylic acid and acrylates production in order to operate with more efficiency.

LEARNING OBJECTIVES

Upon completion of the course, the participants will be able to:

explain the main operating conditions and trends,

precise the physical & chemical principle associated with the main steps of the processes.

WAYS AND MEANS

Notions illustrated thanks to examples taken from your unit itself.

Search of active participation of the trainees implementing case studies.

As a matter of fact, data from the unit have to be provided to fit the client unit conditions.

LEARNING ASSESSMENT

Quiz.

PREREQUISITES

No prerequisites for this course.

Agenda

PROCESSES PRESENTATION — 0.25 d

Origin of raw materials.
Bloc diagrams - Main zones.
Composition of inlet & outlet streams.

TECHNICAL KEY POINTS OF THE PROCESSES — 1.75 d

For each one:
Reaction zone characteristics: principle, chemical reaction, need of a catalyst or not.
Main control loops of the reaction zone.
Daily operating conditions.
Responses on disturbances.
Recovery zone characteristics: principle of separation processes, implementation.
Main control loops of equipment:
Daily operating conditions.
Responses on disturbances.