

Chemicals Handling

General Objectives

Identify the chemicals necessity having as main goal the process optimization, equipment maintenance as well the aspects regarding to the chemical agents safe handling.

Specific Objectives

At the end of training the trainees will be able:

- To comprehend the function of the chemical agents as well how it works to help on the production improvement;
- To understand the risks and dangers associated to the chemical and how to eliminate/mitigate them;
- To comprehend how bacterias proliferate, its consequences to the process in a short and long term and what to do to avoid/minimize it;
- Hazards identification.

Audience

Engineers and operators from the technical and process departments with some experience with chemicals who wants to add knowledge to their roles

Prerequisites

The necessary prerequisites to attend this course are:

- Have access to a computer or tablet with an Internet connection and a browser (program to browse the web), such as Chrome, Safari, Firefox or Internet Explorer.
- You can access the course from any computer (for example, at home and at the office), tablet or smartphone.

Workload

40 Hours

Contents

Module 0 – Presentation of Platform and Method of Use

Module I – Labelling

Module II – MSDS

Module III – Emulsion

Module IV – Scale

Module V – Corrosion

Module VI – Bacteria Control

Module VII – Foam Control

Module VIII – Chemical Inventory

Module IX – How to calibrate Check Point Pumps

Methodology

This course is always with the trainer, who will even give the face-to-face training through the platform.

The trainee can intervene together with the trainer or with the other trainees as he does in the classroom.

The presentations and exercises will always be made available by the trainer at the end of each training session.

At the end of the course, you will receive a Professional Training Certificate if you attend at least 90% of the classes, carry out the proposed work and tests, participate in the online discussions and have a positive final evaluation.

This training is certified and recognized.