

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.

Workload: 40 hours

CONTENTS:

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

Module X – HRDC

Module XI – PPE

Module XII – Measurement