

This 5-day course is designed to enable the participants to have knowledge on BATCH process, concept of Plant Hierarchy, Unit Operation and Unit Supervision. Information about Process management and Recipe management as well as Batch Report.

Day 1

Batch Automation Overview

- ◆ Introduction to Batch Concept
- ◆ ISA S88.01 Batch Control Standard
- ◆ Familiarization with Batch Process
- ◆ Overview of Centum VP Packages

Day 2

Unit Supervision

- ◆ What is Unit Supervision
- ◆ Batch Engineering Activities
- ◆ Defining Plant Hierarchy
- ◆ Management of Shared Resource
- ◆ Recipe Common Blocks
- ◆ Project Backup & Restoration

Day 3

Batch Control Operation

- ◆ Derivation of Batch Operation from a Recipe
- ◆ SFC Sequences, Operation and Phase
- ◆ Basics of SEBOL Batch Control Language
- ◆ Operation SFC Function Blocks

Day 4

Process Recipe and Management

- ◆ Process Management
- ◆ Batch Trains and Paths
- ◆ Master Recipes
- ◆ Batch Operation and Monitoring Screens

Day 5

Exemption Handling & Batch Report

- ◆ Exemption Handling Logic
- ◆ Custom State Transition Matrix
- ◆ Batch Report Concepts & Builder

Process Engineers and Maintenance Staff and Supervisors that are involved in the design, installation, operation, and maintenance of Batch Process. Participants should have a fundamental knowledge on DCS engineering, Industrial Instrumentation, and basic programming skills

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