Experion PKS: Fundamentals – Experion Batch Manager (EBM) - Instance Based Recipes Implementation

Course Overview
Course number: EXP-21-AT
Course length: 3.5 days (self-paced with 10 days to complete)

This course provides you the information to apply Experion Batch Manager (EBM) instance based recipes to your process needs. EBM components, described in this course are Sequential Control Module, Recipe Control Module, Unit Control Module, Activities, Layered Recipes, Common device Functionality, DATA Block, Parameter restoration function, Alias Table.

This course explains how to perform Experion Batch Manager instance based recipe tasks with both C300 controller and UOC controller.

Course Benefits
Extend Experion® Process Knowledge System (PKS) capabilities through

- Configuring EBM Instance Based Recipes functionality primarily for batch processes and potentially for continuous processes
- Using Interactive Instructions for automating procedures
- Unit Timeline, Procedure Explorer and EBM Summary Displays for monitoring and controlling Sequences, Recipes, and Procedures

Course Delivery Options
- Asynchronous Training (AT)

IMPORTANT – Prior to registration for the e-learning courses (AT, RT, VILT, and VT), you must perform the User Readiness Test. Go to Asynchronous Training, Recorded Training, Virtual Instructor-Led Training, and Virtual Training Access Requirements to perform this test.

Who Should Take This Course?
Experion PKS System Implementers

Experion configuration tasks can impact the following job roles.

- Experion System or Application Engineer responsible for configuring process control loops, logic, and sequence control in process plants
- Continuous or batch process procedure builders responsible for procedural operations and recipes

Prerequisite/Skill Requirements

Prerequisite Course(s)
- (EXP-2001 or EXP-2001-AT) or (EXP-2001C3 or EXP-2001C3-AT)

If this course is taken for UOC controller, then following is the pre-requisite.
- (EXP-2001UOC or EXP-2001UOC-AT)

Required Skills and/or Experience
- Prior Control Execution Environment (CEE) implementation experience

Desirable Skills and/or Experience
- Plant, process, and controls knowledge
- Experience configuring Control Execution Environment (CEE) using Control Builder

Course Topics
You will learn how to...

- Plan the EBM in the CEE for your processes
- Describe the configuration of the EBM in terms of building Unit Control Modules, Phase Blocks and Recipe Control Module
- Configure the Unit Control Module (UCM)
- Build Phase Function Blocks Types
- Configure the Recipe Control Module (RCM)
- Explore options creating an effective operator interface to RCMs and associated SCMs
- Monitor and Operate Recipes using Procedure Explorer and Unit Timeline
- Configure additional functionality such as aliasing, data blocks and layered recipes
- Examine Procedural Operations Interactive Instructions
- Note: Class Based recipes and EBM User Interface toolkit are covered in the EXP-1011 (Implementing Class Based Recipes) course.

Additional Training
To increase your knowledge and skills, there are additional courses available from Automation College.

For more information and registration, visit www.honeywellprocess.com/en-US/training.