



EXPERION (PKS) GRAPHICS DESIGN AND BUILDING (HONEYWELL COURSE NUMBER EXPO3)

COURSE DESCRIPTION

Need to plan and implement your Experion PKS Graphic Displays?

This course provides participants the ability to perform the following tasks as applicable to the Experion PKS System:

- Develop Display Design Guidelines
- Build HMIWeb Displays for Experion PKS

Graphics display training is divided into two sections:

The first section presents the basic concepts and strategies needed to develop guidelines for effective and consistent Display Design. The second section is an extensive hands-on workshop. Participants will develop Experion PKS operating displays using the HMIWeb Display Builder. Lab exercises also include practice in building components for shape libraries.

COURSE OBJECTIVES

Efficient planning and implementation of your Experion PKS System

- Conceptual understanding of graphic building guidelines to enable efficient display design
- Design and construct graphic displays to create an effective interface for Plant Operations

COURSE OUTLINE

You will learn how to....

- Develop a Display Design Guide considering performance and capacity available on your Experion PKS system
- Specify Operator interaction with displays
- Design display level hierarchies, point manipulation options, navigation
- Specify Shape Libraries
- Specify Display Standards
- Specify file naming conventions and directory structure for displays
- Build Displays using HMIWeb Display Builder:
 - Using the tools and navigation
 - Using the Shape Library
 - Using the Script Editor
- Create display elements
- Create templates, dynamic shape files, shape sequences, popups, faceplates, and attach scripts to objects
- Create new operating displays
- Insert shapes
- Add Internet links and other navigation techniques

FOR WHOM

Experion PKS System Implementers

Graphics Design and Display Building tasks can impact the following job roles. Other job positions performing these tasks could also benefit from this training.

- **System or Application Engineers** responsible for designing and creating Operator displays
- **Maintenance Engineers or Technicians** responsible for adding new displays or troubleshooting existing displays
- **Operators** responsible for specifying, modifying and/or implementing Operator displays

PRE-REQUISITES

Prerequisite Course(s)

One of the following:

- Microsoft Windows 2000 Professional User Fundamentals - 72006 or
- Successful completion of Windows 2000 pre-test with a minimum score of 80% available at enrollment

Desirable Skills and/or Experience

- Plant, process or controls knowledge
- Operator display design or specification familiar

COURSE LEADER

The course leader is a Honeywell accredited trainer.

CERTIFICATE OF PARTICIPATION

Certificates of Participation will be awarded to participants who have achieved 75% attendance for the course.

- Use of Cascade Style Sheets
- Use of Shortcut Menus
- Build Safeview configurations to manage displays

COURSE INFORMATION

Course Code : CT4053
Day / Time : Monday to Friday (9.00 am to 5.00 pm)
Duration (hours) : 4 days (32 hours)
Venue : Chemical Process Technology Centre
Closing Date for Registration : 5 days before commencement date

COURSE ADMINISTRATION

Registration

For registration, please complete and return the attached Registration Form together with the appropriate payment by cheque made payable to "Petrofac Training Pte Ltd".

Enquiries

Please contact:
Mr Daniel Soh / Mr Keith Ho at
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Course Fee Subsidy/Payroll Subsidy
Not Available Yet