



EXPERION (PKS) OPERATOR (HONEYWELL COURSE NUMBER EXP01)

COURSE DESCRIPTION

From this EXPERION PKS Station-based course you will learn the operation of the EXPERION PKS System consisting of the Experion PKS Server, the Fault Tolerant Ethernet and C200 controllers. Standard EXPERION PKS Station displays and HMIWeb graphic displays for Experion PKS are used to control and monitor both analog and digital process points and to monitor process alarms.

COURSE OBJECTIVES

Efficient operation of your Experion PKS System

- Operate with confidence.
- Transition smoothly to a new control system.
- Use the standard control displays effectively
- Use EXPERION PKS's HMIWeb graphic displays to control and monitor the process
- Interpret process trend displays for better control

Understand the process and system alarm indications for quicker response to process and system upsets.

COURSE OUTLINE

- Log on and off the EXPERION PKS Station, including Station and Operator based logon.
- Use Windows navigation tools
- Use standard operating displays including the EXPERION PKS Faceplates, Group displays, and Point Detail displays
- Use Point Detail display and faceplates to make process changes
- Identify control conventions (automatic, manual, cascade, PV tracking, and program)
- Navigate through standard operating displays
- Identify color conventions
- Use Alarm displays and HMIWeb displays to identify and respond to abnormal conditions.
- Use Procedural Operations - Interactive Instructions to combine manual operations with automatic operations in a consistent manner.
- Identify and use tools available on the EXPERION PKS system to analyze process upsets. Use Trends and Group Trend displays
- Use the many Reporting and Event retrieval tools to customize reports and displays.
- Access the built in online Help documents.

FOR WHOM

EXPERION PKS Station Operators:

- Requiring basic PC and Server based Distributed Control System (DCS) training
- Needing to understand the differences between TPN (US and GUS stations) and the EXPERION PKS Station operating environments
- Needing refresher training on operating the EXPERION PKS Station

PRE-REQUISITES

Desirable Skills and/or Experience

- Working knowledge of your process.
- Basic Windows 2000 skills.
 - Power up
 - Log on
 - Start a Program from the START Menu
 - Drag a window
 - Minimize and maximize a window
 - Close a window
 - Log off
 - Shut down

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.

COURSE INFORMATION

Course Code	:	CT4050
Day / Time	:	Monday to Friday (9.00 am to 5.00 pm)
Duration (hours)	:	3 days (24 hours)
Venue	:	Chemical Process Technology Centre 81 Jurong Island Highway Singapore 627837
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

Telephone: 68802000 Telefax: 6896 7151

Course Fee Subsidy/Payroll Subsidy

Not Available Yet