Experion PKS: Fundamentals – Operations for LNG Carriers

Course Overview

Course number: EXP-1007
Course length: 3 days

This course covers the operation of the Honeywell Integrated Automation System (IAS) including the Experion® station, the Fault Tolerant Ethernet (FTE) and C200 controllers. It also covers the operation of the Experion PKS system connected to SCADA controllers. Customized LNGC Experion PKS Station displays and HMIWeb graphic displays are used to control and monitor both analog and digital process points and to monitor process alarms.

Course Benefits

Efficient operation of the Integrated Automation System
- Operate with confidence by using the control displays effectively
- Use Experion PKS's HMIWeb graphic displays to control and monitor the process
- Understand the process and system alarm indications for quicker response to process and system upsets

Course Delivery Options
- In-Center Instructor-Led Training

Who Should Take This Course?

Honeywell Integrated Automation System Users
- Needing how to operate the system
- Needing refresher training
- Supporting the system with first-call maintenance

Prerequisite/Skill Requirements

Prerequisite Course(s)
- None

Required Skills and/or Experience
- Working knowledge of vessel process
- Basic Windows 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

Desired Skills and/or Experience
- None

Course Topics

Participants will learn how to...
- Log on and off the Experion PKS Station, including Station and Operator based logon
- Use Windows navigation tools
- Manage Windows using the SafeView control environment
- Use 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 operating displays
- Identify color conventions
- Use Alarm displays and HMIWeb displays to identify and respond to abnormal conditions
- Use and configure Trends and Group Trend displays.
- Use and configure the many Reporting and Event retrieval tools to customize reports and displays

Participants will also have an overview of the e-server, Cyber-Security and DVM.

Additional Training

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