Honeywell Academy

EXPERION PKS: FUNDAMENTALS – STATION OPERATION (ONLY LNG CARRIER)

COURSE OVERVIEW

Course Number: EXP-01LNGC
Course Duration: 3 Days

Prerequisite Course (s): None

NOTES: FOR LIQUEFIED NATURAL GAS (LNG) CARRIER ONLY

From this Experion® Process Knowledge Solutions (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/C300 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 DELIVERY OPTIONS

- Asynchronous Training (AT)
  - ➢ Self-paced with 10 days to complete
- Instructor-Led Training (ILT)
- Virtual Instructor-Led Training (VILT)

COURSE OBJECTIVES

- Introduce LNGC Processes - Cargo, Machinery and Regas
- Use Windows navigation tools
- Use standard operating displays including the Experion PKS Faceplates, Group displays, and Point Detail displays for LNGC
- Use Point Detail display and faceplates to make process changes for LNGC
- Identify control conventions (automatic, manual, cascade, PV tracking, and program)
- Identify color conventions
- Use Alarm displays and HMIWeb displays to identify and respond to abnormal conditions
- Identify Alarm Help Integration
- Use Alarm Shelving and Dynamic Alarm Suppression to reduce the alarm flood and increase the operators' efficiency
- Use Alarm Tracker to establish situational awareness
- Use the Enterprise Model concepts to manage plant Assets
- Use Procedural Operations – Interactive Instructions to combine manual operations with automatic operations in a consistent manner
- Use Trends and Group Trend displays for LNGC
- to analyze process upsets for LNGC
- Use SCM Monitoring in station for LNGC
- Use Reporting and Event retrieval tools to customize reports and displays
- Access the built-in online Help documents

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