TERMINALS:
ENRAF TANK GAUGING SYSTEMS FUNDAMENTALS

Honeywell Academy

COURSE OVERVIEW

Course Duration: 5 Days

Prerequisite Course (s): None

This course is designed for system engineers and covers following

- Theoretical knowledge of the components of Precise Level Gauging and Tank Inventory Calculation.

- Fundamentals of ENRAF Gauging and Inventory Management Systems

- Enables System Engineers and Technicians the ability to install, configure, diagnose, maintain, and commission, operate control room equipment Honeywell ENRAF CIU888 AND ENTIS Tank Inventory Management Systems.

- The course focuses on Hands-On activities to setup the CIU888 and Experion ENTIS Servers and Client

COURSE DELIVERY OPTIONS

- o   Instructor-Led Training (ILT)

COURSE OBJECTIVES

Precise Level Gauging
- o   Understanding Tanks
- o   Tank References
- o   TCT Tank Capacity Tables
- o   Proper Manual Gauging

Working Principle and Applications
- o   990 Flexline SmartRadar
- o   954 Flexline SmartServo
- o   762 Vito Interface Working Principles and Application
- o   764/766/767/768 VITO Probes Working Principles and Application

Communication Interface Units
- o   CIU888 Working Principles and Application
- o   CIU888 Hardware and Software

ENTIS Tank Inventory Systems
- o   The 876 Entis Pro system Introduction and Working Principle
- o   ENTIS HS System Introduction and Working Principles

COURSE OBJECTIVES

+ Hands On (HO)

Service Tools

- o CIU888 Service Tool + HO

Communication Interface Units

- o CIU888 Database Creation for Stand Alone and Redundant + HO
- o OPC and MODBUS Configuration + HO
- o Firmware and License Updates +HO
- o Troubleshooting and Repair + HO

ENTIS Pro and ENTIS HS Tank Inventory Systems

- o Experion HS Server and Client Installation, Setup, Configuration and Commissioning + HO
- o ENTIS Server and Client Installation, Setup, Configuration and Commissioning + HO
- o Experion HS Backup and Restore (EBR) + HO
- o ENTIS HS and ENTIS Pro Operations + HO
- o ENTIS Pro Stand Alone and Redundancy Stations Configuration + HO

COURSE OBJECTIVES

+ Hands On (HO)

Learn and Practice ENTIS

- o Advanced Movement
- o Advanced Infrastructure Pipeline
- o Unplanned flow alarms
  - Servo working principle
  - Improved display alarms
  - Operator user level
- - Scheduled Reports printing
- • Learn to manage Basic and Advanced ENTIS operations + HO
- • Learn to Setup and Configure Alarms and Trends + HO

THE FUTURE IS WHAT WE MAKE IT

Honeywell