TERMINALS:
ENRAF TANK GAUGING SYSTEMS AND INVENTORY FOR CHANNEL PARTNERS

Honeywell Academy

COURSE OVERVIEW

Course Duration: 7 Days

Prerequisite Course (s): None

This course is designed for Honeywell Channel Partner and it covers the following

- Basic knowledge Precise Level Gauging and Tank Inventory Calculation.
- Fundamentals of ENRAF Gauging and Inventory Management Systems
- Ability to install, configure, diagnose, maintain, and commission all the ENRAF Tank Gauging Field Instrument. Hands-On activities for all ENRAF Field Devices.
- Install, configure, diagnose, maintain, and commission control room equipment Honeywell ENRAF CIU888 AND ENTIS Tank Inventory Management Systems.

COURSE DELIVERY OPTIONS

- o Remote Training (2 Days)
- o Instructor-Led Training (5 Days)

COURSE OBJECTIVES

+ HO : Handson

Precise Level Gauging

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

Radar Technology for Level Measurement

- o 990 Flexline SmartRadar Working Principles and Application
- o 990 Flexline Smart Radar Hardware and Software
- o Installation, Configuration, Diagnose and Maintenance of 990 Flexline SmartRadar Gauge + HO

Servo Technology for Level Measurement

- o 954 Flexline SmartServo Working Principles and Application
- o 954 Flexline SmartServo Hardware and Software
- o Installation, Configuration, Diagnose and Maintenance of 990 Flexline SmartRadar Gauge + HO

VITO for Temperature and Water Measurement

- o 762 Vito Interface Working Principles and Application
- o 764/766/767/768 VITO Probes Working Principles and Application
- o Installation, Configuration, Diagnose and Maintenance of 762 VITO Interface and 764,766,767,768 VITO

COURSE OBJECTIVES

Option Boards

o Installation, Configuration, Diagnose and Maintenance of SIL Analog Output, Hardwire Alarm Contacts, Pressure Transmitters and HIMS Density + HO

o

Communication Interface Units

o CIU888 Working Principles and Application

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

Service Tools

o ENGAUGE Professional and Basic Service Tool

o Error Codes Interpretations and Troubleshooting

o CIU888 Service Tools

o ENTIS Configuration Tools

o ENSITE Pro Service Tool

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

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IS
WHAT
WE
MAKE IT

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Honeywell