



TERMINALS: ENRAF TANK GAUGING FIELD INSTRUMENT FUNDAMENTALS

Honeywell Academy

COURSE OVERVIEW

Course Duration: 5 Days

Prerequisite Course (s): None

This course is designed for Instrumentation engineer and covers the following

- Theoretical knowledge of the components of Precise Level Gauging and Tank Inventory Calculation.
- Fundamentals of ENRAF Gauging and Inventory Management Systems
- Enables Instrument Engineers and Technicians the ability to install, configure, diagnose, maintain, and commission all the ENRAF Tank Gauging Field Instrument. Hands-On activities for all ENRAF Field Devices.

COURSE DELIVERY OPTIONS

- Instructor-Led Training (ILT)

COURSE OBJECTIVES

Precise Level Gauging

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

Radar Technology for Level Measurement

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

Servo Technology for Level Measurement

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

VITO for Temperature and Water Measurement

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

COURSE OBJECTIVES

Service Tools (+ HO)

- ENGAUGE Professional and Basic Service Tool
- Error Codes Interpretations and Troubleshooting

Option Boards

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

Working Principles

- CIU888
- ENTIS Tank Inventory System (876 Entis Pro, ENTIS HS)

**THE
FUTURE
IS
WHAT
WE
MAKE IT**
