

TERMINALS: ENRAF TANK GAUGING SYSTEMS IMPLEMENTATIONS (CHANNEL PARTNERS)

| Honeywell Academy

COURSE OVERVIEW

The Level 1 course is designed to provide participants with foundational Installation, commissioning, SAT knowledge and practical skills necessary for the effective implementations of ENRAF tank gauging systems.

The course aims to equip Channel Partner Service Engineers with the essential tools to ensure the reliability and accuracy of tank measurement systems in various industrial settings.

Course Duration: 5 Days

Prerequisite Course(s): None

TARGET AUDIENCE

The course targets technicians, maintenance engineers involved in tank measurement systems.

COURSE DELIVERY OPTIONS

Instructor-Led Training.

KEY LEARNING OBJECTIVES

Participants will learn to:

- Understand basic tank gauging principles.
- Identify ENRAF system components and functions.
- Perform Installation and Commissioning on tank gauging equipment.

HANDS ON TRAINING

Participants will engage in practical exercises, including component disassembly, calibration, and basic troubleshooting simulations.

EVALUATION

Participants will be assessed through quizzes, practical assessments, and a final exam, leading to a training certificate upon completion.

COURSE STRUCTURE

1.Servo Technology

(854 ATG & 954 Flexline Servo):

- Understanding servo principles using Series 854 & 954 ATG hardware and software.
- Installation and Configuration aspects and safety requirements.
- Overview of servo features, including commands
- Reference Level calibration.

2.FlexLine and

FlexConn Technology:

- Installation and Configuration of FlexConn boards, using Engauge Pro Hart SmartView.
- Measurement techniques for VITO temperature, pressure, and density (including various VITO probes and transmitters).

3.Radar Technology:

- Principles of Smart Radar for PSD level and Phase Level including hardware/software communication and calibration.
- Basic radar applications and antenna exchanges.
- Aspect of Installation, Configuration and Commissioning of ENRAF Tank Gauging Systems.

4.Communication Interface

Units (CIU 888):

- Hardware Overview and System Architecture Explanation.
- Installation and Configuration.
- Standalone and Redundant operation, web interface, and set-up capabilities.

5.ENTIS HS and ENTIS PRO Tank Inventory Management Systems

- Hardware and Software Requirement and Understanding Volume Calculations.
- Installation and Configuration.
- Operation setup and understanding Tank Inventory Features.

For more information:

<https://automation.honeywell.com/us/en/support/training/pmc-training>

**Honeywell Process
Measurement and Control**

2101 CityWest Blvd
Houston, TX 77042
www.honeywell.com

ENRAF Tank Gauging Systems Implementations
(Channel Partners) | Rev 01 | 12/24
©2025 Honeywell International Inc.

Honeywell