

Application of FOUNDATION fieldbus™ Technology

Comprehensive Hands-on Training for Operations & Maintenance Personnel

Intended Audience: Managers, Engineers, Designers, and Technicians taking a first look at FOUNDATION fieldbus™ Technology

Course Format: Hands-On Instruction (Option to Implement Workforce Competency Program)

Course Length: Three or Four Days (Competency Assessment Requires Additional Time)

Prerequisite: FOUNDATION fieldbus™ Fundamentals

Materials: Learning Modules and Visual Presentation

Number of Modules: 26

Module Titles: **FOUNDATION fieldbus™ Device Types**

Availability and Application of Fieldbus Devices

Fieldbus Segment Test Tools

Overview and Employment of Fieldbus Test Equipment

FOUNDATON fieldbus™ Diagnostic Data

Standard Diagnostics for Fieldbus Blocks, Devices and Networks

Designing FOUNDATION fieldbus™ Networks

Physical-Layer Fundamentals including Segment Loading Practices

Installing FOUNDATION fieldbus™ Networks

Installing Fieldbus Devices, Distribution Systems and Cable Products

Fieldbus Troubleshooting Guide

Procedures for Assessing and Solving Typical Fieldbus Faults

Fieldbus Device Configuration

Overview of Initializing and Configuring Fieldbus Devices

FOUNDATION fieldbus™ Configurable Block Parameters

Detailed Parameter Configuration Options and Default Settings

The National Instruments Fieldbus Configurator

Overview of NI-FBUS Configurator Software and its Features

Fieldbus Device Configuration Exercise

Hands-on Exercises for Configuring a Fieldbus Segment

Overview of Fieldbus Commissioning Procedures

Explanation of FOUNDATION fieldbus™ Device Commissioning

Fieldbus Commissioning Exercise

Comprehensive Procedures for Commissioning Fieldbus Device Networks

FOUNDATION fieldbus™ Method Exercises

Hands-on Execution of fieldbus Method Procedures

Course Description: This interactive, first-look seminar covers topics sufficient to assist the learner in evaluating application of FOUNDATION Technology. Taught by an experienced implementor, participants will be able to ask questions regarding installation, economic benefits, best practices and more. Avoid any unforeseen pitfalls with training and know-how from the World-class leader in Fieldbus training and consulting

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