

Individual Maintenance & Reliability Courses

- AC/DC Electronics: AC Measurements
- AC/DC Electronics: Alternating Current
- AC/DC Electronics: Capacitive Circuits
- AC/DC Electronics: Current
- AC/DC Electronics: DC Circuits
- AC/DC Electronics: Electrical Measurements
- AC/DC Electronics: Inductance & Capacitance
- AC/DC Electronics: Inductive Circuits
- AC/DC Electronics: Magnetism
- AC/DC Electronics: Ohm's Law
- AC/DC Electronics: Resistance
- AC/DC Electronics: Transformers
- AC/DC Electronics: Tuned Circuits
- AC/DC Electronics: Voltage
- Advanced Vibration Analysis: AC Induction Motors Part 1
- Advanced Vibration Analysis: AC Induction Motors Part 2
- Air Handlers: Mechanical Systems
- Applications of HART Smart Field Device
- Basic Electronic Components: Controls and Application
- Basic Electronic Components: Operation and Troubleshooting
- Basic Electronic Components: Types and Diagrams
- Basic Engine Lathe: Drilling, Boring, and Reaming Work
- Basic Engine Lathe: Filing and Polishing
- Basic Engine Lathe: Grinding a Round-Nose Finishing Tool
- Basic Engine Lathe: Identification of Parts and Care
- Basic Engine Lathe: Knurling
- Basic Engine Lathe: Speed and Feed
- Basic Engine Lathe: Straight Turning Between Centers
- Basic Engine Lathe: Straight Turning Work of Two Diameters
- Basic Engine Lathe: Three Methods of Facing Work to Length
- Basic Engine Lathe: Turning a Radius
- Basic Engine Lathe: Turning Tapers
- Basic Machine Technology: Drill Press Operations
- Basic Machine Technology: Drill Presses - Sensitive & Radial Arm
- Basic Machine Technology: Hand Tools & Their Uses
- Basic Machine Technology: Safety Procedures & Guidelines
- Basic Machine Technology: Sharpening Drill Bits by Hand & Machine
- Basic Machine Technology: The Pedestal Grinder
- Basic Machine Technology: The Use of Measuring Tools
- Basic Machine Technology: The Vernier Caliper & Vernier Protractor
- Basic Machine Technology: The Vertical Milling Machine
- Basic Machine Technology: Vertical Band Saws- Parts, Accessories & Operation

- Centrifugal Pumps: Design and Function
- Centrifugal Pumps: Operation and Maintenance
- Centrifugal Pumps: Reassembling and Installation
- Centrifugal Pumps: System Characteristics and Selection
- Centrifugal Pumps: Troubleshooting & Disassembly
- Chillers: Leak Check and Electrical
- Clutches & Brakes: Types, Principles and Functions
- Clutches and Brakes: Troubleshooting
- Computer Numerical Control: Absolute and Incremental Positioning
- Computer Numerical Control: Complete Milling Programs
- Computer Numerical Control: Cutter Compensation
- Computer Numerical Control: Drilling, Boring, and Spot-Facing
- Computer Numerical Control: Introduction
- Computer Numerical Control: Mirror Image Special Cycles
- Computer Numerical Control: One and Two Axis Linear Milling
- Computer Numerical Control: Polar Coordinate Programming
- Computer Numerical Control: Preparing for Programming
- Computer Numerical Control: Quick Code
- Computer Numerical Control: Rotation
- Computer Numerical Control: Scaling & Engraving Programming
- Computer Numerical Control: Special Cycles
- Computer Numerical Control: Subroutines
- Computer Numerical Control: Three Axis Linear and Circular Milling
- Condensers: Maintenance & Troubleshooting
- Configuring Hardware and Software
- Configuring, Calibrating & Testing HART Smart Field Devices
- ControlLogix: Advanced Programming & Analog Devices
- ControlLogix: Basic Instructions
- ControlLogix: Creating & Using Tags & the Program Editor
- ControlLogix: Introduction to RSLogix 5000 Software
- ControlLogix: Introduction to the ControlLogix PLC Family
- Cooling Towers: Maintenance & Troubleshooting
- DC Motor Controllers - Controller Function and Operation
- DC Motor Controllers: Maintenance and Troubleshooting
- DC Motors: Basics and Internal Parts of DC Motors
- DC Motors: Wiring Diagrams and Troubleshooting
- Diagnostics and Troubleshooting
- Electrical Troubleshooting Skills: Motors and Motor Controls
- Electrical Troubleshooting Skills: Power Distribution and Lighting Systems
- Electronic Circuits: Basic Principles
- Electronic Circuits: Characteristics and Operations
- Electronic Circuits: Logic Fundamentals, Types & Application
- Electronic Components and Magnetism
- Electronic Schematics and Circuit Analysis
- Energy Management: Best Practices

- Energy Management: Boilers and Auxiliaries
- Energy Management: Compressed Air
- Energy Management: Cooling Towers
- Energy Management: Emissions Control and Ash Handling
- Energy Management: Energy Smart
- Energy Management: Fuels and the Combustion Process
- Energy Management: HVAC and Indoor Air Quality
- Energy Management: Instrumentation and Controls
- Energy Management: Pumping Systems
- Energy Management: Raw Water Treatment
- Energy Management: Refrigeration
- Energy Management: Steam Distribution
- Energy Management: Steam Turbines and Condensers
- Energy Management: Theory of Steam Generation
- FOUNDATION Fieldbus
- Function and Operating Principles
- Gears and Gear Systems
- HVAC: Complete System Troubleshooting
- Hydraulic Power Systems and Troubleshooting: Identification and Operation
- Hydraulics Power Systems & Troubleshooting: Troubleshooting Techniques
- Hydraulics: Control Valves
- Hydraulics: Harnessing Hydraulic Power
- Hydraulics: Hydraulic Fluid
- Hydraulics: Hydraulic System Troubleshooting
- Hydraulics: Pumps and Actuators
- Hydraulics: System Safety and Maintenance
- Hydraulics: The Hydraulic Circuit
- Industrial Bearings: Application and Technology
- Industrial Bearings: Maintenance and Installation
- Industrial Bearings: Troubleshooting
- Industrial Drives: Belt Drives
- Industrial Drives: Chain Drives
- Industrial Drives: Complete Drive Packages
- Industrial Drives: Enclosed Drive Systems -
- Industrial Drives: Shaft Joint and Coupling Devices
- Industrial Electricity: AC Motor Control and Current Measurement
- Industrial Electricity: Alternating Current
- Industrial Electricity: Basic Principles
- Industrial Electricity: Conductors
- Industrial Electricity: Generators and Motors
- Industrial Electricity: Installation, Distribution and Lighting
- Industrial Electricity: Wiring
- Industrial Hydraulics: Maintenance & Troubleshooting
- Industrial Hydraulics: Types and Concepts
- Industrial Seals: Gaskets & Packings - Inspection & Installation

- Industrial Seals: Mechanical Face Seals - Troubleshooting & Installation
- Industrial Seals: Types, Materials & Properties
- Introduction to Ammonia Refrigeration
- Introductory Operator Training: Abnormal Operations
- Introductory Operator Training: General Chemistry
- Introductory Operator Training: Hand Tools
- Introductory Operator Training: Normal Operation
- Introductory Operator Training: Organic Chemistry
- Introductory Operator Training: Physical Force
- Introductory Operator Training: Properties of Fluids
- Introductory Operator Training: Start-Up Operations
- Leak Detection
- Machinery Lubrication: Lubricating Greases - Types, Application & Equipment
- Machinery Lubrication: Lubricating Oil - Equipment & Procedures
- Machinery Lubrication: Lubricating Oil - Types, Properties & Handling
- Machinery Oil Analysis: Establishing an Effective Program
- Machinery Oil Analysis: Fundamentals and Methods
- Machinery Oil Analysis: Strategies, Options and Testing
- Maintenance and Reliability Principles: People
- Maintenance and Reliability Principles: Processes
- Maintenance and Reliability Principles: Technologies
- Maintenance Principles
- Mechanical Electrical Control Systems: Creating Schematics
- Mechanical Electrical Control Systems: Creating Schematics
- Mechanical Electrical Control Systems: Design And Troubleshooting
- Mechanical Electrical Control Systems: Electrical Lockout
- Mechanical Electrical Control Systems: Electronic Controls
- Mechanical Electrical Control Systems: Energy Management
- Mechanical Electrical Control Systems: Introduction to Control Schematics
- Mechanical Electrical Control Systems: Responsive Systems -
- Mechanical Print Reading: Thread Specifications
- Mechanical Troubleshooting Skills: Pumps and Compressors
- Motor Controls: Basic Motor Controls & Relays
- Motor Controls: Installing & Troubleshooting control Systems
- Motor Controls: Overload Protection Devices
- Motor Controls: Schematic Symbols
- Motor Controls: Schematics and Wiring Diagrams
- Motor Controls: Starting Methods for Squirrel Cage Motors
- Motor Controls: Time Delay Relays
- Motor Controls: Wye-Delta, Synchronous & Wound Rotor Controls
- Motor Drives: AC Drive Selection and Setup
- Motor Drives: AC Motor Operation
- Motor Drives: Motor Drive Identification
- Motor Drives: Servo and Stepper Motors
- Motor Drives: Variable Speed AC Drives

- Open and Closed Loop Systems
- Operator Inspection: Air Compression System Inspection
- Operator Inspection: Belt Drive, Chain Drive & Gear Box Inspection
- Operator Inspection: Clutch & Brake Inspection
- Operator Inspection: Electrical Equipment & Control System Inspection
- Operator Inspection: Fastener & Equipment Structure Inspection
- Operator Inspection: Lubrication System Inspection
- Operator Inspection: Motor & Drive System Inspection
- Operator Inspection: Pneumatic System Inspection
- Operator Inspection: Vacuum System Inspection
- Pipefitting: Accessories and Specialty Equipment
- Pipefitting: Flanged Pipe
- Pipefitting: Hoses
- Pipefitting: Introduction to Pipefitting
- Pipefitting: Manual and Electric Threaded Pipe
- Pipefitting: Measuring Pipe and Drawings
- Pipefitting: Offsets
- Pipefitting: Pipe Fittings & Joints
- Pipefitting: Piping Systems and Standards
- Pipefitting: Plastic Pipe
- Pipefitting: Tubing
- Pneumatics: Actuators
- Pneumatics: Pneumatic Control Valves
- Pneumatics: Pneumatic System Maintenance
- Pneumatics: Pneumatic System Troubleshooting
- Pneumatics: Processing Air
- Pneumatics: The Pneumatic Circuit
- Pneumatics: The Power of Compressed Air
- Pneumatics: Working Safely with Pneumatic Systems
- Print Reading: Format and Dimension
- Print Reading: Orthographic Projection
- Print Reading: Thread Specifications
- Print Reading: Types and Symbols
- Procedures and Operation
- Programmable Logic Controllers: Communications and Advanced Programming
- Programmable Logic Controllers: Fundamentals
- Programmable Logic Controllers: Inputs and Outputs
- Programmable Logic Controllers: Programming
- Programmable Logic Controllers: Troubleshooting
- Programming and Editing
- Shutoff Valve Designs and Application Considerations
- Steam Traps: Sizing, Installation and Monitoring
- Steam Traps: Types, Principles, and Functions
- Testing/Troubleshooting Functions
- Thermography: Basic Operations

- Thermography: Operating Procedures and Implementation
- Thermography: Practical Applications
- Troubleshooting Procedures
- Type and Fundamentals
- Ultrasonics: Basic Principles
- Understanding HART Protocol
- Valve Basics: Selecting Shutoff Valves
- Vibration Analysis: Data Analysis
- Vibration Analysis: Data Collection
- Vibration Analysis: Machine Vibration Basic Theory
- Vibration Analysis: Predictive Maintenance and Machine Vibration
- Vibration Analysis: Preparing for Data Collection
- Vibration Analysis: The Data Processing System
- Voltage, Resistance, and Current
- Workplace Mathematics: Algebra
- Workplace Mathematics: Decimals
- Workplace Mathematics: Fractions
- Workplace Mathematics: Whole Number
- Workplace Reading: Basic Maintenance & Reliability
- Workplace Reading: Inference
- Workplace Reading: Literal Comprehension - Main Idea
- Workplace Reading: Literal Comprehension - Relationships
- Workplace Reading: Study Maintenance & Reliability

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