

# TROUBLESHOOTING automated equipment

## **Troubleshooting Automated Equipment**

**1-DAY  
TRAINING**

### **Training Description:**

In this program, you will learn how to properly troubleshoot control devices of various types. It will take away many of the mysteries commonly associated with automated equipment control devices; such as temperature switches, photo switches, transducers, and tachometers. You will learn proper troubleshooting procedures, and applications. Common failures will be discussed, pointing out common problems that maintenance personnel deal with on a daily basis in many industries. These troubleshooting exercises will help you in finding and fixing the problem in a timely fashion.

### **Training Benefits:**

- Better troubleshooting methods.
- Understanding functions of basic components.
- Successful set-up of systems.
- Know the different types of systems.

**Prerequisite:** None

**Standard Class Size:** Up to 20

**Program Length:** 6 hours

**CEU s:** 0.6

### **Training Topics:**

#### **SENSORS**

- Switching - Digital Control
- Feedback - Variable Control
- Primary Purposes

#### **DIGITAL CONTROL DEVICES**

- Temperature Switches
- Pressure Switches
- Photoelectric Switches
- Proximity Switches
- Labs

#### **VARIABLE CONTROL DEVICES**

- Pressure Transducer
- Thermocouples
- Tachometer
- Labs

#### **APPLICATIONS**

- PLC s
- Controllers
- Motor Drives
- Proper Procedures
- Common Failures
- Replaceable Components

#### **TROUBLESHOOTING**

#### **CLASS DISCUSSION AND REVIEW**

**Lewellyn**  
TECHNOLOGY

**We Improve Workplace Safety & Performance**

**CONTACT US:**  
**www.lewellyn.com** or  
**800.242.6673**

**N\_A411**