

## EB01A: Oscilloscope

|                   |                        |
|-------------------|------------------------|
| Category          | Industrial Maintenance |
| Duration          | 15 Hours               |
| Software Supplied | -                      |

### How You Will Be Evaluated

Introduction to the Oscilloscope

### Skill 1: Reading the Oscilloscope Screen

- 1.1: Parts of the Screen
- 1.2: Skill Overview
- 1.3: Skill Drill
- 1.4: Concept Review

### Skill 2: Identifying Oscilloscope Controls

- 2.1: Basic Oscilloscope Controls
- 2.2: Skill Overview
- 2.3: Skill Drill
- 2.4: Concept Review

### Skill 3: Setting Up and Operating the Oscilloscope

- 3.1: Skill Overview
- Safety
- 3.2: Skill Drill
- 3.3: Concept Review

### Skill 4: Adjusting Probe Compensation

- 4.1: Overshoot and Undershoot
- 4.2: Obtaining Accurate Readings
- 4.3: Skill Overview
- 4.4: Skill Drill
- 4.5: Concept Review



## **Skill 5: Performing AC Voltage Calculations**

- 5.1: Measuring Voltage and Interpreting Scope Displays
- 5.2: Measuring AC Voltage and Frequency
- 5.3: Skill Overview
- 5.4: Skill Drill
- 5.5: Concept Review

## **Skill 6: Measuring AC Voltage and Frequency**

- 6.1: Skill Overview
- 6.2: Skill Drill
- 6.3: Concept Review

## **Skill 7: Performing DC Voltage Calculations**

- 7.1: Measuring DC Voltage
- 7.2: Skill Overview
- 7.3: Skill Drill
- 7.4: Concept Review

## **Skill 8: Measuring DC Voltage**

- 8.1: Skill Overview
- 8.2: Skill Drill
- 8.3: Concept Review
- Comprehensive Post-Test