

### DESCRIPTION:

This class will introduce new users to the EZCAL batching hardware. Anyone in your organization who is responsible for batching concrete using the EZCAL hardware as well as any individuals that need a working knowledge of these basic processes should attend this session. Demonstrations, hands-on practice, and group discussions will be used to provide attendees with the knowledge and skills needed to perform basic batching operations using the EZCAL hardware.

### NOTES:

Prior to attending this class, the attendee should:

- Possess basic understanding of concrete plant functions.
- Be familiar with concrete batching operations within your company.
- Understand their specific job responsibilities within your organization.

### TOPICS:

After completing this class attendees will know how to:

- Identify standard EZ-CAL electrical interlocks
- Locate and Identify the system SO number.
- Identify the major hardware components of the batch system and their functions.
- Identify the power and communication distribution for the major components of the batch system.
- Identify Startup and Shutdown procedures for the system.
- Demonstrate zeroing scales and resetting counters.
- Explain the effect zeroing scales has on batching accuracy.
- Identify the procedures for verifying that the hardware scale and counter values are calibrated to the software.
- Identify and describe the relationship of the addresses for the buttons on the Manual Station with the I/O locations in the I/O box.
- Edit and print manual station button labels and display labels
- Demonstrate making a button maintained and momentary.
- Identify the physical limitations of the EZCAL Manual Station and I/O Box.
- Identify troubleshooting procedures for minor electrical issues in the I/O Box.
- Demonstrate how to use the Soft Manual Station.
- Explain the purpose and function of the Manual Station Key Switch.
- Demonstrate how to clear a "Bad Cell" error message and explain possible causes.

