

COMMANDbatch Training

COMMANDbatch Basics

Course Description:

This one day class will introduce new users to the basic process of batching concrete using your COMMANDbatch system. 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 COMMANDbatch software and EZ-CAL hardware.

Who should attend:

Anyone in your organization who is responsible for batching concrete using the EZCAL hardware should attend this class. In addition, any individuals that need a working knowledge of these basic processes should attend.

Prerequisites:

Prior to attending this class the attendee should:

- Possess basic Windows Operating System skills
- Be comfortable with the use of a keyboard and mouse
- Possess basic understanding of concrete plant functions.
- Be familiar with concrete batching operations within your company
- Understand their specific job responsibilities within your organization

Course Objectives:

After completing the COMMANDbatch Basics session attendees will know how to:

- Identify major hardware components and how they are connected
- log in to ebatch and archive databases
- run forms
- access online help
- access documentation
- access the right click menu from the grid area
- access the right click menu from the Batch Graphics form
- create, copy, and delete records
- create a load of concrete
- adjust target weights
- change the mix slump
- will adjust the in truck water volume
- adjust the water on a "per load" and "per yard" basis
- adjust moisture % on a given material
- add a material to a mix design at the ticket level
- adjust the truck charge rate
- start auto batch process
- hold, resume, and abort a batch
- manually batch and discharge material
- access on hand inventory
- enter an inventory receipt
- adjust an inventory amount
- access inventory events
- start a discharge cycle
- print a ticket with and without batch weights
- edit a delivery ticket
- reprint a delivery ticket.
- copy a material for at least one of the following groups: Aggregates, Cements, Water, or Admixes.
- set tolerances for the new material created
- assign the new material to a device
- create a mix design using the created material
- copy the new mix design
- convert a mix design from US to metric
- use the Washout function
- understand and run the End of Day process

COMMANDbatch Training

COMMANDbatch Basics

After completing the EZ-CAL Basics session attendees will know how to:

- 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.
- Demonstrate making a button maintained and momentary.
- Identify the physical limitations of the EZCAL Manual Station and I/O Box.
- Identify the procedures for editing and printing EZCAL manual station labels.
- 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.
- Identify the procedures for calibrating a Moisture Probe. (depending on target audience)