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FlexIS/UC Training

Course Information

Course Title:	**FlexIS/UC Training – Electrical & Operational**
Duration & Location:	**5** Days, **19-23 July 2027** at BEG Training Center in **Windsor (CT), US**
Target Audience:	New operators for the FlexIS operating system, plant electricians and engineers
Course prerequisites:	Entry level course to the glass industry
Instructor:	Electrical Trainer
Delivery Mode & Language:	In Person in English

Course Objectives

- Fundamental understanding of the FlexIS/UC and its role in the production of containers
- Knowing of FlexIS3 control system components
- Understanding of UC specifications

Assessment Methods

- Quizzes, Assignments, Practical Participation
- Final Group Task

Resources Required

- Personal Protective Equipment
- eLearning platform access (pre-learning)
- Simulation Software (if applicable)

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Course Schedule (Daily Outline from 8:00 am to 4:30 pm)

Training Days	Topics	Activities	Expected Outcomes
Day 1	• Introduction to the FlexIS System. • FlexIS Hardware	• Going through detailed presentation of the FlexIS3 components, including the differences between FlexIS1, 2 and FlexIS3.	Participants will be able to compare different FlexIS – systems and to identify FlexIS components.
Day 2	• FlexIS3 Hardware and components • FlexIS3 Installation. • FlexIS3 wiring diagram.	• Detailed description of the components. • Going through installation requirements and procedures, which include both internal and external cabling.	• Participants will gain detailed knowledge of the FlexIS3 components and how to troubleshoot them. • Participants will be able to read and to use electrical wiring diagrams
Day 3	• FlexIS3 Setup and Operation.	• Machine operation, including necessary safety features • Configuration of UC2 screen	• Participants will be able to safely operate the mechanism, start the machine and set the mechanism's mode and setup position.
Day 4	• FlexIS3 Setup and Operation • UC2	• Exploration of the program “AppManager” • Navigation through the settings tab and clarify the parameters	• Participants will be able to navigate the program and understand the page descriptions.
Day 5	• FlexIS3 troubleshooting.	Practising reading alarm messages and using the right tools and methods for troubleshooting.	• Be able to read alarm messages and troubleshoot them • Be able to disassemble and install FlexIS3 control components.