

T710e-01

System 800xA User Certification – Basic Level Engineering with Control Builder

Certification Goal

The goal of this assessment is to certify the students on basic level- System 800xA in Engineering with Control Builder.

Upon passing the exam, the students will demonstrate a comprehensive understanding of System 800xA engineering using AC 800M and shall receive their basic level certification.

Certification Type and Methods

This is a web-based assessment, accessible through the ABB Learning Management System (LMS). The assessment includes a set of multiple choice questions covering some / all of the topics discussed in the classroom training.

Participant Profile

This training is targeted to system and application engineers, commissioning and maintenance personnel, service engineers and system integrators.

Prerequisites

Students should know the fundamentals of working with Control Systems and have basic knowledge of Microsoft Windows 7.

Students must either have completed the T315C classroom training or have knowledge and experience associated with the content of this course.

Duration

The duration of the course is 40 minutes.



Assessment Topics

- System 800xA architecture
- Engineering Workplace / Plant Explorer
- Project and application structures
- AC 800M hardware
- Project backup
- Libraries
- Variables and data types
- Function Block Diagram
- Structured Text
- Task assignment and memory
- Control Modules
- User defined object types
- Sequential Function Charts (SFC)
- Communication
- OPC connectivity

Results

Once the test is completed, the results are calculated and displayed based on the performance.

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BU Open Control System

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