

T710e-15

System 800xA User Certification – Basic Level Basic Application Modifications

Certification Goal

The goal of this assessment is to certify the students on basic level- System 800xA in Basic Application Modifications.

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 engineers, commissioning and maintenance personnel, and service engineers who need have a foundation for maintenance and administration skills.

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 T314 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
- OPC connectivity
- Application structures
- AC 800M hardware
- Variables and data types
- Function Block Diagram
- Structured Text
- Control Modules
- Sequential Function Charts (SFC)
- Communication
- Alarm and events
- Historian and trends
- Graphic displays
- Operator Workplace
- Import and export
- Function Designer

Results

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

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