

A-6130

RS-5000 ControlLogix Structured Text

***Course
Description***

This 16-hour training program is for those familiar with Allen-Bradley ControlLogix controllers, but not familiar with the Structured Text. In this course students will learn how to program, interpret, and troubleshoot ControlLogix programs written using Structured Text.

***Topical
Outline***

- Definition of Structured Text
- Structured Text Routines in ControlLogix
- ST If...Then Construct
 - If...Then Exercise
- ST Case...Of Construct
 - Case...Of Exercise
- ST For...Do Construct
 - For...Do Exercise
- ST While...Do Construct
 - While...Do Exercise
- ST Repeat...Until Construct
 - Repeat...Until Exercise
- Structured Text Instructions
 - ST Instruction Exercise
- ST Software Utilities

***Programming
Software***

Training utilizes Rockwell Software RSLogix5000, Microsoft Windows NT, 2000 and XP Software.

Prerequisites

Students should have successfully completed Intellect Controls Group training program A-6000 or have knowledge equivalent to the course description and be familiar with Windows NT, 2000 or XP software. It is also recommended that the A-6200 training program be completed as well.

Course Length

2 days/16 hours

CEU's

1.4

Objectives

Persons successfully completing this course will be able to:

- Enter Routines using Structured Text
- Interpret Constructs found in Structured Text
- Navigate and Troubleshoot Routines using Structured Text