

دوره آموزشی سیستم کنترل یوگاوایا (YOKOGAWA DCS)



سرفصل های تدریس خصوصی سیستم کنترل یوگاوایا

1. Project Creation

1.1 Types of project

1.1.1 Default project

1.1.2 Current project

1.2 Creating a default project

1.3 Project attribution utility

1.3.1 Start project attribution utility

1.3.2 Registering a new project

1.3.3 Changing project attribute

1.3.4 Deleting a project registration

2. Process Input/Outputs

2.1 Creation of a new node

2.2. Creation of new IOM

2.3 IOM builder

3. SOFTWARE INPUT/OUTPUT

3.1 COMMON SWITCH DEFINITION

3.2 GLOBAL SWITCH

3.3 ANNUNCIATOR MESSAGE OUTPUT (%AN)

4. FUNCTION KEYS

4.1 SYSTEM FUNCTION NAME - FUNCTION KEYS

4.2 DEFINITIONS FOR ASSIGNING LED TO A FUNCTION KEY

5. SCHEDULER

5.1. TASKS EXECUTABLE BY SCHEDULER M-1

5.2. EXECUTION OF TASKS DEFINED ON SCHEDULER

6. TREND DEFINITION

6.1 STRUCTURE OF TREND

6.2 DEFINING TREND BLOCK

6.3 TREND GROUP DEFINITIONS

7. Control drawing builder

7.1 Control drawing environment

7.2 Registering the function block

7.3 Control drawing wiring

8. HIS Startup

8.1 HIS Utility

8.2 Virtual test function

9. Function Blocks

9.1 Introducing Digital and Analog Function Blocks

9.2 Input Indicator Block (PVI)

9.3 PID Controller Block (PID)

9.4 D1.14 Manual Loader Block (MLD)

9.5 Control Signal Splitter Block (SPLIT)

9.6 Motor Control Blocks (MC-2)

9.7 Auto-Selector Blocks (AS-H/M/L)

9.8 LOGIC CHART BLOCK (LC64)

9.9 Sequence Table Block (ST16)

9.10 Switch Instrument Block (SIO)

10. GRAPHIC BUILDER

11. USER SECURITY