## Au2mate Academy

# PLC STARTER PACKAGE
# ALLEN BRADLEY - ARLA FOODS –
# AUTOMATION STANDARD OAS1

## COURSE NO. 4:
## PLC STARTER PACKAGE ALLEN BRADLEY

### PROGRAM  -  SHORT DESCRIPTION  ·  DURATION:  3 DAYS - 08:30-16:00

**Target audience**

The course is targeting technical personnel with responsiblity for:
- Service and maintenance of Allen Bradley control systems based on Arla Foods Automation standard OAS1
- Small extensions of Allen Bradley control systems based on Arla Foods Automation standard OAS1

The course can also be used as starter training in connection with Allen Bradley PLC projects based on Arla Foods Automation standard OAS1.

**Prerequisites**

RSLogix 5000 knowledge/skills equivalent to what you will have obtained by attending Rockwell Automation/Allen Bradley basic training course (Basic RSLogix 5000 programming).

**Short description**

Hands-on training in PLC part of the Arla Foods Automation standard OAS1
Allen Bradley based (RSLogix 5000 programming software)
- Introduction to Arla Foods Automation standard v1 (contents, data structure and alarm system)
- Introduction to basic PLC blocks (communication, time sync. etc.)
- Introduction to control modules/item handler PLC blocks (valves, motors etc.)
- Setup/programming of valve
- Setup/programming of pump
- Setup/programming of level switch
- Setup/programming of temperature transmitter
- Setup/programming of flow transmitter
- Programming of small application
- Download & test
- Fault finding

**Objectives**

Upon completion of this course the attendant will be able to:
- Do service and find faults on Allen Bradley control system based on Arla Foods Automation standard OAS1
- Make minor program extensions regarding control of extra plant items
- Download and test minor program extensions