

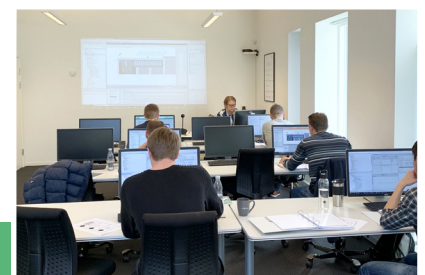
Au2mate Academy

GET FAMILIAR WITH YOUR CONTROL SYSTEM

COURSE NO. 18: GET FAMILIAR WITH YOUR CONTROL SYSTEM

PROGRAM - SHORT DESCRIPTION · DURATION: 1 DAY - 08:30-16:00

Target audience	The course is targeting operators and personnel who work in a dairy plant and who need to get familiar with how to operate the control system in a dairy plant.
Prerequisites	We recommend that course no. 17 has been completed.
Short description	<ol style="list-style-type: none"> 1. Introduction to the international S88 standard 2. PI diagram 3. Control system structure <ol style="list-style-type: none"> 3.1. Architectural drawing 3.2. Interfaces 4. Program description, control of a tank <ol style="list-style-type: none"> 4.1. Process cell structure 4.2. Unit description <ol style="list-style-type: none"> 4.2.1. Blocking 4.2.2. State transition 4.2.3. Alarms 4.2.4. Set points 4.2.5. Matrix (valve activating etc.) 5. How to operate the control system <ol style="list-style-type: none"> 5.1. HMI structure (start, stop, pause, restart) 5.2. General operation of the system 5.3. Alarms and events including operator event searches 5.4. Trends 5.5. CIP pulsing and optimising 6. Fault finding <ol style="list-style-type: none"> 6.1. Component faults 6.2. Operator faults 6.3. Alarms and messages
Objectives	<p>Upon completion of this course the attendant will:</p> <ul style="list-style-type: none"> • Have knowledge about the S88 standard and PI diagram • Understand a program description • Understand a control system structure • Understand how to operate a control system and have knowledge about its functions • Have knowledge about fault finding



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