

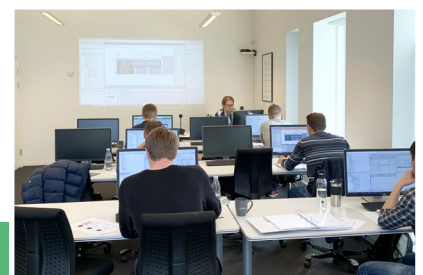
Au2mate Academy

GET FAMILIAR WITH YOUR DAIRY PLANT

COURSE NO. 17: GET FAMILIAR WITH YOUR DAIRY PLANT

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 the processes and components in a dairy plant.
Prerequisites	Knowledge and/or interest in dairy processes and dairy automation & IT.
Short description	<ol style="list-style-type: none"> 1. <u>PI-diagram:</u> <ol style="list-style-type: none"> 1.1. Theoretical training in how to read PI diagrams (part of the physical plant) 1.2. Physical introduction to the process sections in Academy in relation to the PI diagram Including how to find components and equipment from the PI diagram on the physical plant (machines, valves, electrodes, pumps etc.) 2. <u>The components of a dairy:</u> <p>Theoretical presentation of components:</p> <ul style="list-style-type: none"> • Single seat valve • Butterfly valve • Regulation valve • Frequency converter • Level electrodes • Pressure transmitter • Temperature transmitter • Double seat valve • Service valve • Pumps • Inductive electrodes • Flow transmitter • Conductivity transmitter <ol style="list-style-type: none"> 2.1.1. What is their function? 2.1.2. How are they connected to the control system? <ol style="list-style-type: none"> 2.2. Physical introduction to the components in Academy 2.3. How to operate the components manually from the HMI 2.4. Suppression of alarms 3. <u>Process flow in Academy:</u> <ol style="list-style-type: none"> 3.1. Theoretical introduction to the process flow in Academy including the function of the process sections 3.2. Physical introduction (line walk) of the process flow in Academy: <ul style="list-style-type: none"> • CIP, tank, mix and pasteur
Objectives	<p>Upon completion of this course the attendant will be able to:</p> <ul style="list-style-type: none"> • Understand how to read a PI diagram • Find components and understand their function • Operate the components from the SCADA • Understand the process flow in Academy (a dairy)



CONTACT: Heidi Ravn, Service & Training Coordinator · hsr@au2mate.dk · Tel. +45 8720 7389