

Au2mate Academy CASE

OPERATOR COURSE BRANDERUP DAIRY

Au2mate Academy, in cooperation with Branderup Dairy, has completed the course "Get familiar with your control system" in order for operators to get a greater knowledge about the control system of the dairy and thus be better at troubleshooting when undesired stops occur in the production. The purpose is to achieve an improved uptime.

THE PURPOSE IS IMPROVED UPTIME

The idea behind the course "Get familiar with your control system" is to educate the operators, so that it will be easier for them to troubleshoot in emergency situations. Is it a component failure or an operating error? Is it necessary to get hold of a technician who can fix the fault on the component that fails, or where is the fault?

CONTENT OF COURSE - DAY 1 - ACADEMY

The course takes place over two days, where day 1 takes place in the Au2mate Academy and day 2 takes place at Branderup Dairy.

At the Au2mate Academy you are taught the basic principles for the building of Arla's control systems. Ranging from S88 to PI diagrams and how a control system is structured; including program descriptions, process cell structure, unit descriptions, blocking, state transition, alarms, setpoints, cross fields.

How to operate the control system, alarms and events, including follow-up alarms and operator event searches. Start-up after service shutdown. How to start after a fault. Components are studied to gain greater understanding of e.g. valves, including valve seat lift.

Comment from a participant:

"IT'S QUITE SIMPLY GENIOUS!!"

Michael Clausen, operator

Throughout the afternoon, the focus is on troubleshooting. The instructor makes real faults on the Academy pilot plant, which the operators must find through the tools they have learned to use.

CONTENT OF COURSE - DAY 2 - BRANDERUP

On day 2 the operators will be trained in their own control system. Naturally, focussing on the special things that are particularly relevant for Branderup, and again much work is done on troubleshooting, alarms and events, in order that the operators feel better equipped for quickly identifying faults.

After the course, the operator has a greater understanding of how the control system, the components and the process are connected and will with more peace of mind be able to find the current fault faster and start the process again.

EVALUATION OF THE PRODUKTION MANAGER

"The operators have been enthusiastic about the course and have expressed that they have gained a better understanding of the dairy control system and have subsequently found it easier to troubleshoot", says production manager Mick Bonde Christensen from Branderup Dairy.

CONTACT INFO

If you are interested in hearing more about a similar programme for your operators, please contact Eva Stanell, Service and training manager.
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Above you see the operators working on troubleshooting in the Academy