

Au2mate Academy

BASIC INTRODUCTION TO CIP AND OPTIMISATION

COURSE NO. 23: BASIC INTRODUCTION TO CIP AND OPTIMISATION

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

Target audience The course is targeting personnel involved in the operation and the optimisation of a CIP plant..

Prerequisites None.

Short description How does a CIP plant work and what does it consist of?

- Plant design, instrumentation, and different variants
- Plant operation mode and types of chemicals
- Criteria for cleaning: time, temperature, concentration, and flow
- Plant parameters
 - Route/object parameters
 - Program/sequence parameters
 - Common line parameters
- CIP sequence mode of operation
- Route pulsation
- CIP of dairy equipment. Slave/master sequences
- Safety in relation to chemicals
- Fault finding
- Hands-on: Optimisation of parameters

Objectives Upon completion of this course the attendant will have obtained knowledge about:

- What a CIP plant consists of
- How a CIP plant works
- Which design gives the best performance
- How to optimise the plant
- Potential errors - why they occur and how to fix them
- Consumption of water, chemicals, and energy
- Practical experience with a CIP plant and adjustment of parameters



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