

# Valmet DNA HIMA engineering course

This course reviews the different phases of HIMA Safety Logic Interface in Valmet DNA application engineering. Application program configuration principles for individual safety functions are explained. The course provides a detailed survey of the use of the customers programming equipment primarily related to application program modifications. Different phases of making the most typical modifications (for example measurement scale modifications) and downloading are practiced through exercises.



## Objective

After completing the course the participant will be able to carry out on the application program modification. He will also be familiar with typical safety applications and test safety functions as well.

## Target group

Persons responsible for the use, engineering, programming and maintenance of HIMA Safety Logic Interface in Valmet DNA .

## Prerequisite

Knowledge of Valmet DNA basics  
Valmet DNA HIMA basic course  
Valmet DNA engineering course is recommended

## Course duration

2 days

## Course limit

Max. 8 attendees

## Benefits

Through Valmet's professional training programs, either standard courses or tailored to your specific needs, you will have optimized competences available in your organization. Together we make a development plan for your personnel based on your business needs, and deliver the agreed training flexibly and effectively.

Optimized competence development enables

- better utilization of features in the automation and control solutions
- proper installation, start-up, operation and maintenance of the solutions and equipment
- improved knowledge of product-related safety and environmental issues
- better employee motivation

The results are typically visible as higher productivity, plant availability, improvements in end product quality, time and material savings.

# Course Program

## Day 1, 9:00 – 16:00

### HIMA, general

- Hardware
- HIMA user interfaces (ELOP II, ELOP II Factory and SILworX)

### HIMA user Interface

- Application examples
- Connection SIS-PC <-> HIMA CPU
- Modifications and downloading
- Archiving and restoring the project

### Application and programming

- Project hierarchy
- Configuration
- Resource and program instances
- Libraries and function blocks
- HW-configuration
- Documentation

## Day 2 , 8:30 – 15:30

### Testing HIMA-application

- Online- / Offline testing
- Use of Force-editor

### Interface

- HIMA (SIS) <-> Valmet DNA (DCS)
- Valmet DNA application (FbCAD)

