## Valmet DNA HIMA maintenance course

The course provides a detailed review of the operation of HIMA Safety Logic Interface in Valmet DNA. Main concepts of HIMA hardware, application program and diagnostics are studied. Practical exercises give an insight into troubleshooting and fault rectification.



#### **Objective**

After completing the course the participant will be able to locate and replace a faulty hardware unit. He will also be familiar with typical safety applications and test safety functions as well.

#### **Target group**

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

#### **Prerequisite**

Valmet DNA HIMA Basic course Knowledge of Valmet DNA basics.

#### **Course duration**

1 day

#### **Course limit**

Max. 8 attendees

#### **Benefits**

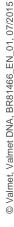
Through Valmet's professional training programs, either standard courses or tailored to your specific needs, you will have optimized competences available in your organization. Together we make a development plan for your personnel based on your business needs, and deliver the agreed training flexibly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

Day1, 9:00 - 16:00

#### Hardware, racks

- •CPU, power supplies, fuse protections
- •Racks, sub racks, etc.

#### Hardware, cards

- •IO-cards, AIM/BIM/BOM
- Changing cards, fans, etc.

#### **Diagnostics**

- Diagnostic Display of HIMA CPU
- Safety Logics Displays on Valmet DNA Operate

#### **ELOP II User Interface**

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

#### Testing HIMA-application (ELOP II)

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

#### Interface

•HIMA (SIS) <-> Valmet DNA (DCS)

# Continuous development Development Plan Competence Solution Assessment Analysis

#### Assessment

Assessment of the technical competence of your team against the goals, addressing changing production and maintenance goals

#### **Analysis**

Analyzing the assessment results and possible gaps

#### Development plan

Identifying relevant training needed to bridge gaps in competence,

#### Training

Carrying out the specified training as scheduled Predefined or customized, classroom and hands-on training with training demos and process simulators

