

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)

