

Valmet IQ quality measurement maintenance course

This course provides a detailed review of the functions, structures and maintenance procedures of the Valmet IQ measurement system. The course covers Valmet IQ Scanners and the most typical sensors (Basis Weight, Moisture, Ash, Caliper). Practical exercises give insight into using the diagnostic displays and maintenance tools. Exercises are done on fully functional Valmet IQ Measurement system including IQ Scanner (incl. upgraded versions), IQ Basis Weight, IQ Web Moisture and IQ Web Caliper.



Objective

After completing the course the participants will be familiar with Valmet IQ Measurement system. They will be able to do the scheduled maintenance and evaluate the performance of the quality measurements.

Target group

QCS maintenance persons.

Prerequisite

Valmet DNA operator skills.

Course duration

4 days

Course limit

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

Valmet IQ measuring system

- IQ Scanner through the years
- Integration to Valmet DNA

Operator interface

Valmet IQ Scanner

- Mechanical structure
- Maintenance displays

Day 2, 8:30 – 16:00

Valmet IQ Scanner continues

- Electrical systems
- Communication
- Cooling system
- Pneumatic system

Valmet IQ Basis Weight Sensor

- Principle of operation
- Mechanical structure
- Maintenance displays

Day 3, 8:30 – 16:00

Valmet IQ Web Moisture Sensor

- Principle of operation
- Mechanical structure
- Maintenance displays

Valmet IQ Web Caliper

- Principle of operation
- Mechanical structure
- Maintenance displays

Valmet IQ Total Ash

- Principle of operation
- Mechanical structure
- Maintenance displays

Day 4, 8:30 – 15:00

Sensor Tools

- Air Scan Tool
- MD Correlation Tool
- CD Correlation Tool
- External Samples Tool
- Sensor Verification example

