

# Valmet DNA Report engineering course

In this course Valmet DNA Report environment, fundamentals of configuration, reporting, trends, Excel reporting and other reporting tools will be presented. Process calculations will be created using different methods.



## Objective

After completing the course the person will be able to modify and add reports and displays.

## Target group

Persons responsible for maintenance and application engineering of Valmet DNA Historian.

## Prerequisite

Valmet DNA Report basic and Valmet DNA Historian maintenance courses. In addition knowledge about MS Windows environment and Excel program is recommended.

## Course duration

3 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

### Basic architecture and environment

### User definitions in reporting, user roles

### Reporting tools, creating reports, Valmet DNA Report

- Tracer
- Statistics Report
- Manual Data Entry
- Log Report
- Diary
- Valmet DNA Report – changing reports
- Configurations

- Exercises

### Automatic reporting (agent)

- Defining automatic reports

### Excel Add-in

- Creating reports in MS Excel

## Day 2, 8:30 – 16:00

### Report Designer, creating reports

- Basic reports, templates
- Adding data sources
- Parameters
- Report components
- Subreports
- Calculations, definitions, scripts
- Valmet DNA Report tree hierarchy definitions using Portal Configurator
- Exercises

## Day 3, 8:30 – 15:00

### Process calculations basics

- Configuration of calculated tags
- History level calculated tags

### SQLplus calculations

- Basics and an example calculation

### Calculation Environment

- Creating process calculation libraries and calculation packages, commissioning
- Exercises

