

T-010 MKVI MAINTENANCE COURSE

A practical training course for the Speedtronic Mark VI panel

This is a very practical interactive course, in which the attendees will do a lot themselves. A real MKVI controller is used to practice on. The learning scope is from making trends, changing constants, changing/creating software till formatting the Flashcard and a complete build-up of the software.

In addition the P&ID's and device summary of the gas turbine will be covered together with the connection to the software. How to traceback alarms from the alarm message to the field device within the software. How to find and judge diagnostic alarms, how to change I/O and Processor cards.

Attendees get a USB stick with the training manual and a VM machine that contains the Toolbox and software tools. In addition a card reader for formatting the Flashcard. Including how to... video's on some critical actions, so that it can be reviewed after the course. HMI Cimplicity changes are not covered in this course.

It is possible to make a site specific training (so using your site specific P&ID's and software), if the required information came to us one month before the course.

Who should Attend?

The course is suitable for the following:

- Plant maintenance engineers that are involved with the Speedtronic MK VI and Gas Turbine. (The attendees need to be bring their own Laptop, on which software is allowed to be installed.)

Duration

5 days

Course structure and content

A five-day technical course aimed at responsible engineers:

- GT function
- P&ID layout and function of the systems
- Fuel controller
- Mark VI hardware description
- Mark VI software description
- Toolbox installation on the attendees PC's
- Installation of the application files
- Connection of the attendees PC to the simulator

- How to create a trend
- How to change a control constant
- Add new software to the simulator
- Preparation of EGD tags for Cimplicity HMI integration.
- Format the Flashcard and how to build up the software

Training Outcome

On completion of the course, you should be able to:

- Be able to service and diagnose the MKVI control panel.

Course Presenter

Bertin Habets: Bertin is a senior Speedtronic engineer with 25+ years engineering and field service experience.