

# System Training

## ELOP II Operator

### Aim:

This training course provides the participant with all knowledge which is necessary for operation of a plant, including small modifications of the user program.

### Prerequisites:

Basic knowledge of electrical and digital functions, knowledge of personal computer (Windows handling)

### Training course contents:

- System overview and design of the HIMA-PES
- Functions of central and I/O modules
- Power supply and voltage distribution
- Norm IEC 61131-3, program organisation units, types of data and variables
- Configuration, libraries, resource types
- Structure of ELOP II and projects
- Code generation of user programs
- Loading and starting of the HIMA-PES
- Online-Test, forcing of I/O circuits
- Diagnostic display, fault messages and explanation
- Minor modifications on program
- Explanations about system documentation
- Exchange of modules during operations
- Use of project documentation
- Notes for the operation of a safety-related PES
- Archiving and restoring of projects

**Duration:** 2 days



... the safe decision.