PRODUCT-TRAINING

PT 300 | ELOP II® - HIQuad® Engineer

TrainingFacts

Engineering HIQuad systems with ELOP II

The HIMA system family HIQuad (H41q/H51q) is configured and programmed using the ELOP II programming tool. The first part of training presents the HIQuad system family and the usage and operation options associated with it.

The use of ELOP II in all essential areas is discussed in detail during the second half of the course. The participants receive a thorough overview, including programming techniques, project creation, testing and diagnostic options. Safety requirements are also discussed in detail. Practical exercises with HIQuad system projects are used to facilitate learning.
Upon successful completion of training, the participants will be able to create projects and use HIQuad systems on-site.

Participant Certificate

For creation of a certificate the participation and successfully passing of a test at the end of the seminar is necessary.

Duration:
4 days, beginning Tuesday, 08:30 ending Friday, 16:30
Number of participants: minimum 4, maximum 10
Registration: https://www.hima.com/en/products-services/seminars/
Contact: training@hima.com

Course Content

HIQuad

- Redundancy concepts
- Power supply
- Structure of I/O rack
- I/O redundancy
- Central modules
- Communication modules
- Module replacement
- Diagnosis during operations
- Procedures in the event of a fault

ELOP II

- Essentials of IEC 61131-3 basic standard
- Structure of projects
- Definition of resource types
- Program structure
- Programming exercises
- Testing in offline simulation
- Communication to PES
- Code generation
- Archiving and restoration
- Loading and starting PES
- Online functions
- Forcing of signals
- Diagnosis options
- safety parameters
- Documentation
- Revision compare