PRODUCT-TRAINING

HIMA SMART SAFETY.

Maintenance ELOP II – HIQuad

TrainingFacts

Operating HIQuad Systems and correcting faults

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.

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
- Program structure
- Minor modifications
- Communication to PES
- Code generation
- Archiving and restoration
- Loading and starting PES
- Online functions
- Forcing of signals
- Diagnosis options
- safety parameters
- Documentation
- Revision compare

PRODUCT-TRAINING

MAINTENANCE ELOP II - HIQUAD

Dates in 2018

Date	Location	Country	Language
Apr 24-25	Houston, HIMA Americas	United States	English
Sept 18-19	Houston, HIMA Americas	United States	English

Participants

- Operating staff
- Troubleshooters
- Control and measurement technicians

Participation Requirements

- Knowledge of Windows-based programs
- Knowledge of logic elements (truth table)

Theory and Practice

The course contains both theoretical and practical components. During practice sessions, every two participants will have a test system available (programming system and hardware).

Tailored training

- Actual participant-group projects are considered as programming examples
- Courses are also available on-site, if space and appropriate technical equipment is available
- Course focus can be tailored to individual groups (content, duration)

Additional Training Opportunities

Maintenance SILworX® (HIMax®)
ELOP II Engineer with HIQuad
SILworX® Engineer with HIMax® and HIMatrix®
Functional Safety Engineer (TÜV Rheinland)

Duration

3 days
Start: 8:30 AM
End: 4:30 PM

Number of participants

- Min. number of participants: 4
- Max. number of participants: 8

Cost in 2018

- $1,250 per person

Services

- Paper copies of training documentation
- Electronic back-up of training projects
- Refreshments and lunch

Registration and Contact

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