HIMA SMART SAFETY.

Maintenance SILworX® - HIMax®

TrainingFacts

Operating HIMax systems and correcting faults

The HIMax system is programmed and configured using the SILworX programming tool.

The course describes the HIMax system family and options for implementationand operation. SILworX training in operation and fault correction equips participants with a deep understanding of installation and programming techniques
through opening existing projects and by exploring testing and diagnostic possibilities.

Training is supported by practical exercises using projects in HIMax systems. Upon successful completion, every participant will be able to work independently on existing projects and find and correct faults.

Course Content

HIMax
- Redundancy concepts
- Power supply
- Structure of base rack
- System bus
- I/O redundancy
- First start-up
- Module replacement
- Diagnosis during operations
- Procedures in the event of a fault

SILworX
- Essentials of IEC 61131-3 basic standard
- Structure of projects
- Program structure
- Simple modifications
- Code generation
- Loading and starting PES
- Online functions
- Forcing of signals
- Diagnosis options
- safety parameters
- Documentation
- Revision compare

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

Participant Profile
- Operator
- Staff for fault correction
- Measurement and regulating staff

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).

Individual Characteristics
- Implementation of participant-group projects as programming examples
- Courses are also available on-site, if space and appropriate technical equipment is available
- Individual course focus possible for closed groups
- Price upon request

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

Duration
2 days
Start: 8:30 AM
End: 4:30 PM

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

Cost
- $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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