

HSQ Factory Certified Training

In addition to our customized on-site training programs, HSQ now offers scheduled training sessions at our Hayward, California facility. These on-site training sessions focus on HSQ SCADA systems. All HSQ training programs include hands-on experience with live system equipment, laboratory exercises, student workbooks, and training certificates.

February 23 - February 25, 2022

RTU Technician Training (3 Days)

Learn About:

HSQ RTUs:

- 25x86
- Wiring and power distribution
- RTU Control Blocks

Protocols:

- HSQ
- MODBUS
- DNP3

HSQ Expansion Bus:

- I/O Boards

New Approach To:

- Remote I/O

Field Points:

- Analog Inputs (AI)
- Digital Inputs (DI)
- Tri-State DIs
- Counter Inputs (CI)
- Analog Outputs (AO)
- Digital Outputs (DV, DO)
- Raise/Lower and Pulse Duration Outputs

Communication:

- Serial – RS232 and RS485
- Ethernet

Security:

- Encryption

Learn How To:

- Connect field instruments to HSQ I/O boards for monitoring and control applications
- Use RTU Diagnostics for troubleshooting and configuring an RTU
- Replace a 25x86 CPU stack
- Configure RTU as Modbus Master
- Configure network RTU
- Run VCL in RTU

Lab Exercises:

Students will design and configure RTUs for a variety of control and monitoring applications.

February 28 - March 2, 2022

MISER System Training* (3 Days)

Learn About:

- MISER configuration options, organization, and structure
- System expansion options
- MISER real-time and historical databases
- Report generating tools
- Graphic Display development tools
- Control Logic development tools
- Adding network devices
- Advanced MISER troubleshooting
- MISER support for communication protocols, including MODBUS, DNP3, and SNMP
- MISER web interface

* Exact training content will be dependent on the aptitude of the students. If necessary, there will be MISER Operator and System Manager Training classes running concurrently.

Learn How To:

- Develop and manage a MISER point database and graphic interface
- Maintain MISER history and create reports
- Manage system alarms and notifications
- Manage user accounts and system security
- Perform periodic maintenance and troubleshooting
- Encrypt RTU-Host communications
- Configure secure transmissions

Lab Exercises:

Students will design and build a custom control strategy and graphic display.

Daily Guest Speakers

Learn from the application specialists about a variety of subjects tailored to the interests of each class.

Continental breakfast and catered lunch will be provided each day.

Enrollment Information:

There are three convenient methods for enrolling:

- Fill out the form: www.hsq.com/training/registration
- Complete the online form at: www.hsq.com/enrollment
- Send an email to: training@hsq.com



A RailWorks Company

26227 Research Road, Hayward, CA 94545