

Commercial Reciprocating & Scroll Compressor Chiller/Rooftop/ Self-Contained Unit

Maintenance and Operation Course

Schedule for 2010

April 19 – 23, 2010

September 13 – 17, 2010

Recip/Scroll/Rooftop/SWP Unit Courses are held at:

**McQuay International
Staunton, VA**

McQuay International Training
P.O. Box 2510
Staunton, Virginia 24402-2510
Phone: (540) 248-9646
Fax: (763) 509-7663

Specifically Designed

for

Building Engineers

and

Maintenance Personnel

Visit Our Web Site at:

www.mcquay.com

for the latest training
schedules

Recip/Scroll/Rooftop/SWP Maintenance & Operation Training

This brochure lists the dates for the continuation of the highly successful Commercial Reciprocating and Scroll Product Maintenance and Operation course.

This program is structured to provide basic classroom instruction, demonstrations, and "hands-on" exercises designed to familiarize the student with the product features, installation requirements, and service procedures for McQuay commercial reciprocating and scroll compressor products.

In our training shop, each student will work with selected operating reciprocating product simulators. The emphasis of this "hands-on" training will be to enhance the technician's knowledge of good service and electrical trouble shooting practices.

CHILLER CONTROL TRAINING INCLUDES THE MICROTECH MICROPROCESSOR CONTROL SYSTEM, THE METASYS CHILLER CONTROL SYSTEM AND THE MICROTECH II® CONTROL SYSTEM.

To get the most from this seminar, the student should have an understanding of the refrigerant cycle, basic electrical power, and simple air conditioning control circuits. Although the seminar opens with a review of these topics, the emphasis will be applying this knowledge to analyzing unit and system performance.

All scheduled sessions are held in our newly remodeled Training Center at our chiller manufacturing facility in Staunton, Virginia.



Course Fee:**\$1,700.00**

Per student payable to
McQuay International

Fee Includes:

All instruction and work materials
Daily lunches and coffee breaks
Group Dinner (first night)

Payment is due in advance.

Application accompanied by
payment should be submitted to:

**McQuay International
Training Department
Linda Custer
P.O. Box 2510
Staunton, VA 24402**

If other payment arrangements
are necessary, direct all inquiries
to:

Linda Custer
Training Administrator
Phone: (540) 248-9646
Fax: (763) 509-7663

e-mail:
linda.custer@mcquay.com

**Investigate now and
enroll your personnel
for one of the next
training sessions.**

Course Outline:

The Standard program for the service seminar is four and one half days of intensive training.

Agenda Includes:

Introduction
Product Review and Plant History
Unit Components and Cycle Review
Chill Water Systems
Plant Tour of Manufacturing Facilities
Wiring Diagrams, Legends, Symbols and Notes
U.N.T. and Johnson 350 Chiller Controllers
Split Systems and Piping
Electrical: Across the Line Start Part Winding Start
Motor Protection, Semi-Hermetic Compressor, Scroll Compressor
Capacity Control
Phase Voltage Monitor
Condenser Fan Control
Chiller MicroTech and MicroTech II®
Reciprocating/Scroll Compressor Discussion
Compressor hands-on
Unit Orientation and Review
General Maintenance Discussions
McQuay Rooftop Commissioning and Troubleshooting
Rooftop/SWP MicroTech II® and MicroTech III®
McQuay Self Contained Unit Commissioning and Troubleshooting

Enrollment/Payment:

Enrollment is limited and will be accepted on a first-come, first-serve basis. To enroll, please register online at www.mcquay.com, on the Training Page or fill out the attached enrollment form. Confirmation of enrollment along with an information packet will be sent to the student within five working days after receipt of your paid application. Full payment is required in advance of the class. If payment is not received prior to the start of class, the student(s) will be denied entrance.

Cancellation Policy:

For Cancellations made within 10 working days prior to course start date, the enrollee(s) will be charged the full course fee. Cancellations made less than four weeks prior to the course start date will be charged 50% of the course fee. An alternative person may use a confirmed space without penalty and substitutions may be made up until start of class.

Motel: A list of area hotels will be provided with McQuay preferred rates.

Transportation: Students are responsible for their own transportation to and from the training center.

Attire: Dress is business casual. Students must pass through manufacturing areas daily. No open toe shoes are permitted; Safety shoes are strongly recommended. Safety glasses will be supplied.



