

WME (Magnetic Bearing) Centrifugal Chiller



Maintenance and Operation Course

Schedule for 2012

May 22 – 24, 2012
November 27 – 29, 2012

WME Centrifugal Chiller
Course is held at:

**McQuay International
Staunton, VA**

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

Visit Our Web Site at:
www.mcquay.com
for the latest training
schedules

McQuay International has
been approved as an
Authorized Provider by the
International Association for
Continuing Education and
Training (IACET),
1760 Old Meadow Road, Suite
500, McLean, VA 22102;
(703) 506-3275



WME (Water-Cooled Magnetic Bearing) Training

This brochure lists the dates for the WME (Water-Cooled Magnetic Bearing) Centrifugal Chiller Maintenance & Operation training program. This training course is designed to teach the maintenance technician and building engineer how to maintain and operate McQuay WME Centrifugal chillers.

The program is structured to provide basic classroom instruction to familiarize the student with the features, maintenance, and operation of McQuay WME Centrifugal chillers.

WME CENTRIFUGAL CHILLER
CONTROL TRAINING INCLUDES
THE MICROTECH E[®] CONTROL
SYSTEM.

The student should have a minimum of 5 years experience with Centrifugal chillers to maximize the benefit of this course. The WME chiller uses a centrifugal compressor that has highly technical components.

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



McQuay[®]
International
a member of **DAIKIN** group

Course Fee:
\$1,500.00

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:

Daikin McQuay Learning Institute
Linda Custer
P.O. Box 2510
Staunton, VA 24402-2510

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

***Specifically Designed
for
Building Engineers
and
Maintenance Personnel***

Learning Outcomes:

In this course, students will learn:

- The basic refrigeration cycle of water chillers
- McQuay WME Centrifugal compressor theory
- McQuay WME compressor design and operation
- McQuay WME Centrifugal chiller control devices
- McQuay WME MicroTech E® for WME software & programming
- McQuay MicroTech E® interface for WME chillers
- Electronic EXP valve operation
- Variable speed drive theory, components and operation
- System performance evaluation
- General maintenance and service procedures
- Evacuation and charging procedures
- The class includes product review, plant tour of manufacturing facility and demonstration on MicroTech E® software.

Assessment:

At the conclusion of the course, the student will review, discuss and be assessed with a test on the learning outcomes of the course. The test will be graded based on the percentage of questions to determine the students' learning outcome. A score of 70% will be required for successful completion of the course and to be awarded CEU's (continuing education units).

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 motels 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 are required to wear steel toe shoes during the plant tour, at all times when passing through the production areas to and from the cafeteria through the plant. Safety glasses will be supplied.

