

LSN-AAHSA-BOMI NATIONAL MAINTENANCE CERTIFICATION Program

What is the RFT (Retirement Facilities Technician) Program?

The Retirement Facilities Technician (RFT) program was designed through the partnership of BOMI International and AAHSA to help educate and improve the knowledge and skill set of retirement AND long term healthcare facility technicians, engineers and related staff. The program is divided into two certificate tiers. Students receive the RFT I certificate upon the successful completion of the designated RFT I courses and the RFT II certificate is awarded upon the successful completion of the designated RFT II courses. The courses within the RFT program directly coincide with BOMI International's recognized SMT and SMA designations. Students may seek additional training after the successful completion of RFT I & II program certificates.

What is BOMI?

As the trusted and leading property and facilities educational resource of choice for today's top corporations, government agencies, healthcare communities, property management firms, unions, and trade associations, BOMI works across industry sectors to improve the skills of property and facility management professionals, as well as, their technicians, engineers and relevant staff.

Founded in 1970, BOMI is known for its industry-standard designations – the Real Property Administrator (**RPA**®), the Facilities Management Administrator (**FMA**®), the Systems Maintenance Administrator (**SMA**®), and the Systems Maintenance Technician (**SMT**®).

What Does the RFT Curriculum Look Like?

RFT I Course Outline

- Energy Management & Controls
- Refrigeration Systems & Accessories
- Building Design & Maintenance

RFT II Course Outline

Successful Completion of RFT I Course and

- Air Handling, Water Treatment & Plumbing Systems
- Boilers, Heating Systems & Applied Mathematics
- Electrical Systems & Illumination

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Refrigeration Systems & Accessories begins on June 18, 2008

Registration Deadline June 4, 2008
late registration fee applies after this date

What is the Curriculum and Schedule for the Refrigeration Course?

Maintaining the proper comfort level in any aging services setting or care environment is essential for resident and staff comfort. Refrigeration equipment is a key component of an air-conditioning system that must be properly maintained, operated at maximum efficiency and fine-tuned to maintain comfort levels for all users, especially elderly residents and/or building users. This course reviews the basic refrigeration cycle and refrigeration system components, as well as methods for operating and maintaining reciprocating and absorption refrigeration systems. You will gain the skills and knowledge to describe the principles of refrigeration and identify the performance characteristics of refrigeration components. You will also learn how to establish maintenance processes and troubleshooting techniques.

Major Topics Covered in This Course:

- Refrigeration cycles and principles
 - Mechanical components of refrigeration systems
 - Systematic troubleshooting
 - General maintenance procedures
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You Will Take Away These Key Concepts and Skills:

- A knowledge of refrigeration systems that can be integrated into an existing building
- The ability to recognize, set up, and maintain a reliable and effective refrigeration system
- Skills in general maintenance and troubleshooting of refrigeration systems and accessories
- An understanding of the computer technology used to operate refrigeration systems

Refrigeration Systems and Accessories Outline (6/18/08-9/24/08)

Date	Activities
6/18/08–6/24/08	Orientation: Accessing the Course
6/25/08–7/01/08	Chapter 1: Theory of Refrigeration
7/02/08–7/08/08	Chapter 2: Compressors
7/09/08–7/15/08	Chapter 3: Metering Devices
7/16/08–7/22/08	Thirty-minute live web conference (Wednesday, 7/16-2 P.M. EST/1 P.M. CDT/noon MST/11 A.M. PDT)
	Chapter 4:Evaporators and Condensers
7/23/08–7/29/08	Chapter 5: Refrigeration System Accessories
7/30/08–8/05/08	Chapter 6: Refrigerants and Refrigeration Oils
Mid-point Survey and Check-In	
8/06/08–8/12/08	Chapter 7: Various Refrigeration Systems
8/13/08–8/19/08	Chapter 8: Chillers
8/20/08–8/26/08	Thirty-minute live web conference (Wednesday, 8/20-2 P.M. EST/1 P.M. CDT/noon MST/11 A.M. PDT)
	Chapter 9: Cooling Towers and Auxiliary Equipment
8/27/08–9/02/08	Chapter 10: Operating and Safety Controls and Electrical Components
9/03/08–9/09/08	Chapter 11: Leak Testing, Evacuation, and Charging
9/10/08–9/16/08	Chapter 12: Troubleshooting and General Maintenance Requirements
9/17/08	Course Review
9/24/08	Final Exam

TO REGISTER

Complete the registration form and fax to Life Services Network
630.325.0749

Visit www.lsn.org



**National Maintenance Retirement Facility Professional Certificate
LSN / BOMI / AAHSA Partnership Program**

Life Services Network 911 N. Elm Street, Suite 228 Hinsdale, Illinois 60521
Questions? Call LSN (630) 325-6170 or meetingservices@lsni.org

Complete this form and fax to (630) 325 - 0749

First Name _____ Middle Initial _____ Last Name _____

E-mail _____

Name of Organization _____

Address _____

City _____ State _____ Zip Code _____

Work Phone () _____ Fax () _____

Refrigeration Systems & Accessories

Course fee \$845

June 18 - September 24, 2008 Exam September 24, 2008

Enrollment:

YES - I am fully enrolling into the RFT program and **will take the exam**. I understand there is an additional \$175 one time, non-refundable enrollment fee. **\$845 + \$175 = \$1020 Total**

NO - I am NOT enrolling into the RFT program and **will NOT take the exam**. I understand I will be getting a class participation certificate ONLY* **= \$845 Total**

***Students may choose to transfer into RFT seeking status at anytime by paying the \$75 transfer fee plus the \$175 program enrollment fee**

Registration Deadlines Refrigeration Systems & Accessories 6/4/08* Class starts on 6/18/08

***registering after this date will accrue \$100 late registration fee for expedited shipping and administrative costs**

Add the items to determine the total amount due. **Total fees** _____

Total Payment Options (circle one):

Check enclosed Visa Mastercard AMEX Discover

Name on card: _____

Card#: _____ Expiration Date: _____ AMEX 4-Digit Code _____

Billing Address: _____

Signature: _____

Questions? Call LSN (630) 325-6170 or meetingservices@lsni.org