



NORA Silver Oil Heat Technician's Certification Course & Test
June 13, 2016 – 8:00am -5:00pm
Location: Home Builders & Remodelers Association of Western Mass
240 Cadwell Drive, Springfield, MA

This course is designed for heating service technicians, HVAC sales personnel, service managers, plumbing & heating contractors, and anyone who wants to learn how Oilheat equipment operates.

SILVER CERTIFICATION CRITERIA:

- Required: 3 years experience working on oil burners
- Required: 100 hours of training (If you've attended the 160 hour NEFI course, the 80 hour NORA Bronze course or have attended other Oilheat technical schools, the hours count towards this requirement; as well as any other formal training on oil equipment or guided on-the-job training.)
- Required: Passage of the 100 question multiple-choice Silver test based on NORA's *Oil Heat Technicians Silver Certification Manual* administered by a NORA proctor. The exam is closed book.

If you do not meet the NORA qualifications of three years experience and 100 hours of training you are still welcome to take the course but cannot take the test. The course is aimed at preparing technicians to take the certification test, but it is a comprehensive overview of Oilheat technology and is valuable for anyone wishing to learn more about how oil burners and heating systems operate. The course is also useful for anyone who is responsible for providing technical support for service technicians.

This fast-paced, fact-filled course is the quickest, easiest way for experienced technicians to obtain or renew their National Oilheat Research Alliance Silver technician certification. This is the premier national Oilheat technician certification program. Several states – not including Massachusetts – use this certification as their official state licensing for technicians. It is also recognized by the Building Performance Institute (BPI) as the equivalent for their Heating Specialist Certification. It recognizes and encourages technicians who demonstrate the experience and skills to maintain oilfired-heating systems at optimal safety, efficiency, and reliability and perform service work of the highest quality. Join the ranks of Oilheat professionals who proudly carry the NORA Silver technician certification!

WHAT YOU WILL LEARN:

- Heating Oil & BIOHEAT Properties
 - Introduction to Oil Burners
 - Oil Tanks and Piping
 - Fuel Units and Oil Valves
 - Nozzles and Chambers
 - Draft and Venting
 - Combustion Theory and Combustion Testing
 - Basic Electricity
 - Ignition Systems
 - Motors, Fans, and Couplings
 - Limit Controls and Thermostats
 - Primary Controls
 - Heating Systems
 - Preventative Maintenance Tune-Ups
 - Service Procedures
 - Energy Conservation
- CONTINUED**

Massachusetts Energy Marketers Association
One Van de Graaff Drive | Suite 100 | Burlington, MA 01803
Tel: 781-365-0844 | Fax: 781-365-1420
www.massenergymarketers.org

INSTRUCTOR, COURSE MATERIALS & COST

John Levey is the NORA instructor and proctor for this session. Once testing is completed, tests are returned to NORA for electronic processing. Grade notification is made by email, so please come to the course with a valid, working email address. If the grade is satisfactory you will receive a NORA Certificate of Completion and a NORA Silver certification wallet card via email that you can print and laminate.

The textbook for this certification is the 2014 edition of the *NORA Oilheat Technicians Manual*. While you are not required to buy the book to attend the course, it will greatly assist you in successfully completing the Silver exam. The manual is \$58.00. However, using its NORA funds, MEMA will be providing a copy of the manual at no cost to those who register for one of the Silver courses. And, as an introductory way to help launch the Silver certification program in Massachusetts, MEMA's Board of Directors has also authorized the use of Massachusetts NORA funds to subsidize almost the full cost of the Silver certification course which can cost as much as \$160.00 in other states.

COST:

Silver Technicians Manual, Course & Exam: \$25.00

Payment must be received prior to the course date in order to hold your spot. Space is limited to 20 in both locations. Credit cards accepted. Call MEMA to pay using credit card.

COURSE LOCATION & TIME:

**Home Builders & Remodelers Association of Western Mass
240 Cadwell Drive, Springfield MA -- 8am -5pm (lunch provided)**

Questions: Contact: Michael Ferrante or Lynne Morris at MEMA: 781-365-0844

STUDENTS:

Pre-registration is required. You must have a valid email address for exam results and so that all future NORA certification information and continuing education can be documented. Students must also come prepared with the last 4 digits of their social security number to help create a NORA Technician Certification number.

**NORA Silver Certification - Please return this portion along with payment to:
Massachusetts Energy Marketers Association | One Van de Graaff Drive | Suite 100 | Burlington, MA 01803
(Make check payable to Massachusetts Energy Marketers Association)**

Name of Company Owner:

Company: _____

Address: _____

Phone: _____ Fax: _____

Email: _____

Attendee(s): Name & Email

- 1. _____
- 2. _____
- 3. _____
- 4. _____
- 5. _____
- 6. _____

Number of Attendees: _____ x Fee of \$25.00 each = Total Amount Enclosed: _____