

**The Annual Tune-Up Done Right (FIR-15) &  
Troubleshooting Domestic Hot Water Systems (FIR 9&10)**  
September 24, 2010 - 8:00 am - 4:30 pm Instructor - George Lanthier  
F.W. Webb - 3091 Cold River Rd - Rutland, VT  
8 NORA CEUs & 6 VT Oilheat CEUs



**First Session Topics:**

- Fuel System Maintenance
- Motor Maintenance
- Ignition Systems
- Heat Exchanger Cleaning
- Control Maintenance
- Chimneys and Flue Maintenance
- Proper Burner Setup Using Instrumentation (Manual, Electronic, and Other Methods)

**Second Session Topics:**

- Insufficient Hot Water Call-Improper Flow
  - Improper Heat Transfer
  - Improper Heat Exchange
  - Control Theory
  - Tankless, Indirects and Direct Heaters
  - Proper Piping
  - Scalding and other Legal Issues
- \*Includes a copy of the Firedragon Publication, 'The Hot Water Handbook' a \$40.00 value

George Lanthier is a nationally known instructor and expert on oil burning equipment and HVAC trade issues. He has been a Massachusetts state certified instructor since 1975, a former Chief Instructor and Curriculum Coordinator for the New England Fuel Institute. George brings a veritable gold mine of real life experience and knowledge to the classroom. George has written articles for Contractor Canada, Oil heating, Fuel Oil News, Oil & Energy and HVAC insider, and has served on the Petroleum Marketing Education Foundation's Oil Heat Technician's Manual Editorial Steering Committee. His credits as an author also include Combustion & Oil Burning Equipment, The Riello Handbook, and the CMR 4 Guide. VFDA is pleased to bring this outstanding educational opportunity to Vermont.

**Certificates:** Suitable for framing, will be sent to all students completing the requirements of this seminar AFTER the seminar date. VFDA reserves the right to withhold certificates for students who depart prior to the end of the class or arrive late.

**THE DETAILS:**

**Cancellation:** VFDA reserves the right to cancel any and all seminars for lack of registrations. Pre-registered students will be notified using the contact information contained in the completed registration form. Firms prepaid for cancelled seminars will receive a full refund.

**Directions:** For directions to the class location, please go to [www.vfec.org](http://www.vfec.org)

**Documentation Requirements:** There are no documentation requirements for this course.

**Late Arrival/Early Departure:** Please be on time for class. Certificates will only be issued to students completing all aspects of the class.

**Lunch:** On your own. You will have 30 minutes for lunch.

**Maximum:** Only 25 students will be allowed to attend this seminar.

**Absence:** Firms registering students who fail to attend without prior notice on or before the registration deadline date will be billed and held liable for the full amount tuition.

**Payment:** Checks may be payable to VFDA and must accompany registration form. If you are a member, registration can be secured with a credit card or billed to you.

**Registration Deadlines:** Advanced registration is required. Registrations must be received by the date(s) noted. VFDA urges you to fax early to reserve seats. Registrations are processed in a "first come, first serve" basis.

**Sign-in:** Students attending must sign in with the instructor in order to receive a certificate. We ask that you please print clearly, illegible names will delay issuance of certificates.

**Walk-in or Late Registration:** VFDA does not, in any way, represent that it can accommodate walk-in students. VFDA will do its best to accommodate late registrants.

**Tuition: \$150 Members & \$225 Non-Members**

**Questions:** Please contact VFDA at (802) 223-7750 or email [training@vermontfuel.com](mailto:training@vermontfuel.com).

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**VFEC would like to thank  
 F.W. Webb for donating  
 classroom space.**

<b>Annual Tune-Up Done Right &amp; Troubleshooting                  Domestic Hot Water Systems / September 24, 2010</b> Please register by September 16, 2010. Limited to 25 Students.		 This course is subsidized by an education grant from NORA
Student Name _____		
1	\$	\$150 -Members \$225 Non-Members
2	\$	\$150 -Members \$225 Non-Members
3	\$	\$150 -Members \$225 Non-Members
4	\$	\$150 -Members \$225 Non-Members
Not a VFDA member? Call 802 223-7750 or go to <a href="http://www.vermontfuel.com">www.vermontfuel.com</a>		\$ _____ <b>TOTAL</b>

**The Annual Tune-Up Done Right & Troubleshooting Domestic  
 Hot Water Systems - September 24, 2010**

We have read, understand and agree to the policies and details as outlined in this notice. We will ensure that students arrive at class with the necessary materials.

Company \_\_\_\_\_ Contact \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Phone \_\_\_\_\_ Fax \_\_\_\_\_ Email \_\_\_\_\_

P A Y M E N T	<input type="checkbox"/> Check Enclosed	<b>Payment by Credit Card:</b>	
	<input type="checkbox"/> Payment to Follow	Name _____	
	<input type="checkbox"/> Bill Us (members only)	Card # _____	Exp. Date _____
	<input type="checkbox"/> Credit Card	<i>VFDA accepts Visa &amp; Mastercard (No Amex)</i>	

**FAX TO VFDA: 802-223-7751**

or mail to VFDA, 250 Main Street, Suite 301, Montpelier, VT 05602