

ADVANCED *Common Sense* TROUBLESHOOTING



2 DAYS/16 HOURS 7AM – 3:30PM

\$399.00 per student / NEFI Member/\$499.00 per student / Non-member

(Total amount includes a 5% non-refundable application fee)

April 14 and 15, 2009

(Register by April 7, 2009)

At

New England Fuel Institute

20 Summer Street, Watertown, MA 02472

Tel: 617-923-5019, Fax: 617-924-5962, Email: school@nefi.com, www.nefi.com

A complete advanced course in troubleshooting the most difficult of oilheat service calls.

The first day focuses on oilburners, pumps, ignition systems and combustion problems on all types of burners and how to diagnose them and correct the problems.

The second day covers problems on systems and examines common mistakes made with controls and specialty devices

Day One Topics:

- Ignitors and Transformers
- Motors, PSC and Split-Phase
- Pumps
- Oil Valves
- Oil Filtration
- Nozzles
- Primary Controls
- Oil Leaks
- Proper Burner Setup Using Instrumentation
 - Manual
 - Electronic
 - Other Methods

Day Two Topics:

- Warm Air Controls
- Determining Proper CFM
- Electronic Blower Control Boards
- ECM Blower Motors
- Steam Controls
 - Pressure
 - Water
 - Venting
- Hot Water Controls
- Proper Sizing
 - Circulators
 - Expansion tanks
 - Proper Air Elimination

This class is NORA Certified for 14 CEU's Instructor: George Lanthier

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