



Education Program

2010

COURSE DATES

JUNE 3

“HANDS-ON”

PPMCSA TRAINING CENTER
Eastwood Office Center, Suite 22
810 S. Eisenhower Boulevard
Middletown, PA
(717) 902-0210



OCTOBER 6

THE INN at CHESTER SPRINGS
PA Turnpike, Exit 312
815 N. Pottstown Pike
Exton, PA
(610) 363-1100

9:00 a.m - 4:00 p.m.



CARLIN BURNER SYSTEMS WORKSHOP



In today's competitive world, one of a service technician's most important responsibilities is to see to it that your customers' heating systems are operating as efficiently as possible.

Efficient equipment is more reliable, cleaner, and more economical. Customers with efficient heating equipment are more satisfied with their service provider, oil dealer and oilheat.

This is a comprehensive full-day seminar on product knowledge, application, service and troubleshooting.

Representatives from Carlin Combustion Technology will present this specifically designed seminar to enhance the knowledge of oil heat service technicians, regardless of years of experience.

The Carlin Burner Systems Workshop agenda will include:

Oil Burner Overview - Go through each model "in detail" as to how to set up!

- EZ - 1 • EZ - 3 • 99FRD • 102CRD
- EZ - 2 • EZ - Pro • 100CRD

Oil Burner Component & Primary Controls overview:

- Intermittent Ignition vs Interrupted Ignition
- Solenoid valve advantages

What is Combustion?

- Air provides oxygen • Circle of combustion • Sensing flame

Nozzles:

- Atomize fuel • How they work • Angle • Pattern

Draft:

- Measuring draft • Natural vs. mechanical draft • Combustion air openings

Fuel Units:

- Gravity feed vs lift feed systems • Lining sizing • Vacuum
- Troubleshooting fuel patterns • 1 pipe vs. 2 pipe systems • Cut off pressure

Combustion Testing:

- Why it is needed • Types of testers • How to use a multimeter to test components

Each student will receive a Carlin U Multimeter

PPMCSA Training Center limited seating

CARLIN BURNER SYSTEMS WORKSHOP

PENNSYLVANIA PETROLEUM MARKETERS & CONVENIENCE STORE ASSOCIATION

P.O. Box 68
Highspire, PA 17034-0068

Please enroll the following in your **CARLIN BURNER SYSTEMS WORKSHOP:**

NAME (Please PRINT Clearly or TYPE in FULL)

JUNE 3

OCOTBER 6

COMPANY

If subsidiary or branch of member, print parent company below:

MAILING ADDRESS

CITY _____ **STATE** _____ **ZIP** _____

PHONE (____) _____ **FAX** (____) _____

AUTHORIZED BY _____ **TITLE** _____

Authorized E-Mail _____ Check Enclosed for \$ _____

Charge my: MasterCard Visa Discover Account Number _____ Expiration Date _____

Cardholder's Name (Please Print) _____ Signature _____

Detach here and mail today!

**NO REGISTRATION WILL BE ACCEPTED
UNLESS ACCOMPANIED BY PAYMENT IN FULL**

**REGISTRATION FEE
\$145.00 Per Person**
**CONFIRMATION WILL BE SENT THREE
WEEKS PRIOR TO THE PROGRAM.**
Workshop will start promptly on time.
**Please allow ample time for road
conditions.**

OUR INSTRUCTOR: Bruce Graham has spent decades in the Oil and HVAC industry, slinging boilers, running service day and night, handling the details that come with being a service supervisor and manager. Doing the same things that students in the classes are doing every day. Bruce has been with Carlin over three years, teaching, working in the field with technicians, and serves as a factory rep.

PAYMENT POLICY: Payment can be made by check or credit card. Visa, MasterCard or Discover information may be faxed to PPMCSA at (717) 902-0290.

CANCELLATION POLICY: Cancellations will be accepted up to 3 days prior to the program date. No refund will be made unless the cancellation is **received more than 3 days prior to the scheduled program.**

CERTIFICATE OF TRAINING: Will be awarded to each student who completes the course and passes the examination. A passing grade is also worth **8 CEUs** towards NORA re-certification.

OVERNIGHT ACCOMMODATIONS: Lodging, transportation and meals (other than lunch) are the responsibility of the student.