



PAHMA Spring Conference 2009
May 14, 2009
For all levels of Maintenance Staff
Four Points Sheraton - Warrendale, PA

The PAHMA Spring Conference is designed for all levels of maintenance staff.

BRING YOUR TOOL BELT and join Mark Cukro, President of Plus One Consulting, Inc. for some hands on maintenance repair.

The first part of the day is "Electrical & HVAC Troubleshooting and Repairs" for Service and Business Managers". This will be a "HANDS ON" Conference

The second half of the day is "Small Appliance & Plumbing Repairs". The focus in this class is hands on experience to learn what will be immediately useful in the field.

Please review the attached Tool Belt checklist that you need to bring along with you to participate in the "hands on" portion of the seminar.

The "HANDS ON" Maintenance Seminar will begin with registration from 8:00 am to 9:00 am. As with all PAHMA sponsored events, lunch and refreshment breaks are included with the registration fee.

The registration fee is **\$125.00** for members and **\$200.00** for non-members. Please complete the attached registration form and return it with your check no later than **April 30, 2009**. Cancellation Policy: No refunds will be given for cancellations received five days prior to the seminar or for registrants who fail to attend.

A number of rooms have been reserved at special rates at the Four Points Sheraton. Please contact the Sheraton at 724-776-6900 to make reservations and be sure to mention PAHMA. For additional information, please feel free to contact PAHMA at (412) 445-8357 or e-mail us at www.Pahma.org.

Please **mail the completed registration form along with your payment** to:

Pahma Spring Conference 2009
c/o Reid Howe
Crossgates Management, Inc.
3555 Washington Road
McMurray, PA 15317



PAHMA Spring Conference 2009
Four Points Sheraton Inn, Warrendale, PA
Agenda
May 14, 2009

8:00-9:00	Registration
9:00-9:15	PAHMA Opening
9:15-10:15	HANDS ON Electric Repairs Work Stations
10:15-10:45	Break
10:45-12:00	HANDS ON Electric Repairs Stations
12:00-1:00	Lunch -- Provided
1:00-2:00	HANDS ON HVAC Small Appliance Work Stations
2:00-2:30	Break
2:30-3:30	HANDS ON Plumbing Repair Work Stations
3:30	Evaluation and Give Away

TOOL BELT CHECKLIST

- HVAC Gauges
- Flat head Screwdriver
- Phillips head screwdriver
- ¼ nut driver
- 5/16 nut driver
- Wire Strippers
- Thermometer -- laser or digital
- Multi-meter
- Ammeter
- A/C gauge
- Pen/Pencil/Note Paper
- Positive Attitude

PAHMA Conference May 14, 2009

Multiple Trade Hands-On Workstations

Bring your tools!

Learn tips from the pros, and test your skills.

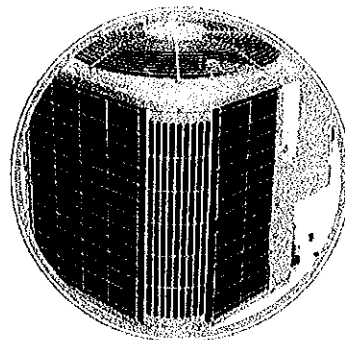


Plumbing Repairs



HVAC Repairs

**Charging 10 & 13 SEER
& Heat Pumps**



Troubleshooting Repairs

Real hands-on training for technicians to go to at their convenience.

Where—Four Points Sheraton in Warrendale

You can either choose the topic that applies to your workplace or whatever interests you. Each table/station will be guided by an experienced instructor that enjoys teaching and sharing tips and tricks of the trade.

A.M. Sessions

Station 1 – Electrical Repairs Work Station

Build a series, parallel, and a series-parallel circuit and wire a 3-way switch.

Station 2 – Electrical Troubleshooting for HVAC and Small Appliances Work Station.

Bring your meters and learn how to correctly diagnose components such as Contactors, relays, defrost boards, Sequencers, water heater elements, oven elements, and capacitors.

Station 3 - HVAC Troubleshooting and Repairs Work Station

Build a low voltage circuit with a transformer, thermostat, fan relay, fan motor, sequencer, and bulbs (which will represent a heat element)

P.M. Sessions

Station 4 – HVAC Servicing and Repairs Work Station

Learn how to properly charge an A/C unit using Super-heat and Sub-cooling.

Station 5 – Small Appliances Repairs Work Station

Learn how to build and troubleshoot a refrigerator defrost timer circuit. We will provide 3 training boards where students will first learn how a defrost system is designed to operate. After that you will learn how to troubleshoot the system effectively, and then actually build the circuit and test it to see that it operates correctly.

Station 6 – Plumbing Repairs Work Station

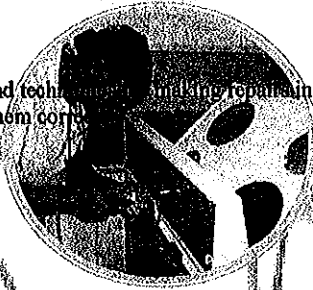
Not only will students learn what new products are coming out in the near future, they will be able to use some new tools and techniques in making repairs in the field. We will provide supplies for the students so they can learn what new products are being used and how to install them correctly.

Go to one or go to all

Tools Needed:

HVAC Gauges
Muti-Meter
Ammeter
Thermometer
Phillips and Slotted Screwdriver
Wire Strippers
1/4 and 5/16 Nut-Driver
Pen or Pencil
Note Paper

Appliance Repairs





Registration Form
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May 14, 2009
Four Points Sheraton Inn - Warrendale, PA

Company/Management Agent Name _____

Property Name _____

Street Address _____

City, State, Zip Code _____

Telephone Number _____ Fax Number _____

Please List Each Participant(s) Name Below:

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Each Participant _____ *X \$125 for PAHMA members = \$* _____ *.00*

Each Participant _____ *X \$200 for Non-members = \$* _____ *.00*

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Equal Housing Opportunity