

**STEAMFITTING INDUSTRY  
PROMOTION FUND  
OF NEW YORK &  
LONG ISLAND**



**MECHANICAL  
CONTRACTORS  
ASSOCIATION  
OF NEW YORK**

**PRESENT:**

**DAN HOLOHAN'S  
STEAM, HYDRONICS  
AND HEATING...  
WHAT YOU NEED TO  
KNOW**

**DATES:**

THURSDAYS:  
  
SEPTEMBER 23, 2010  
OCTOBER 14, 2010  
NOVEMBER 4, 2010

**TIMES:**

12:00 NOON - LUNCH  
1:00PM - 4:30PM - SEMINAR

**PLACE:**

LAGUARDIA MARRIOTT HOTEL  
102-05 DITMARS BLVD.  
EAST ELMHURST, NY  
(ACROSS FROM AIRPORT)

**DAN HOLOHAN'S  
STEAM, HYDRONICS AND  
HEATING SEMINARS**

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone: \_\_\_\_\_

Email: \_\_\_\_\_

*CIRCLE THE CLASSES YOU WILL  
ATTEND:*

September 23, 2010      Yes/No

October 14, 2010      Yes/No

November 4, 2010      Yes/No

**ATTEND ALL THREE  
AND RECEIVE A GIFT!**

Please return this form  
with a **REFUNDABLE** check for \$100  
payable to:

Steamfitting Industry Promotion Fund  
44 West 28<sup>th</sup> Street  
New York, NY 10001



## SEMINAR 1

### ***DEAD MEN'S STEAM SCHOOL***

SEPTEMBER 23, 2010

This seminar will familiarize you with many types of old steam heating systems and what can go wrong with them. Dan Holohan will have you seeing inside these old systems and make you a much better troubleshooter.

Things you will look at:

- Steam heating loads
- Steam radiation
- Boiler ratings
- Value of pipe insulation
- Balancing systems with air vents
- Pressure settings
- Curing water hammer for good
- Steam traps

Plus plenty of good stories!

## SEMINAR 2

### **CLASSIC HYDRONICS**

OCTOBER 14, 2010

Dan Holohan will educate you in Classic Hydronics systems. You will get a better understanding of how things work, what goes wrong with them, and why.

You will look at:

Importance of pressure differential  
Gravity hot water heating  
Radiation  
One-pipe loops  
Diverter tees  
Two-pipe systems  
Multiple boiler systems  
Air problems and their solutions  
Classic radiant

And more!

***THESE CLASSES ARE DESIGNED FOR:***

***YOUNG ENGINEERS  
PROJECT MANAGERS  
ENTRY LEVEL DESIGNERS***

***AND IT'S A GREAT REFRESHER  
FOR EXPERIENCED PERSONNEL***

## **HEATING HELP**

## SEMINAR 3

### ***HEATING 'ROUND THE WORLD***

NOVEMBER 4, 2010

In this technical travelogue, you will be taken on a fascinating tour of the heating systems and equipment from around the world. Dan Holohan will also talk about what may be coming to the U.S.

*What you'll explore:*

- How (and why) the German D.I.N. standard forces Europe to be greener than the U.S.
- How one old technology dramatically reduces cooling loads
- The power of the Chimney Sweep
- Energy Performance Certificates
- ISH Frankfurt show
- Micro-CHP units
- Modular hydronic components and square pipes!
- Room key importance in Danish hotel rooms
- District hot-water heating systems changing the world