



MODERN HYDRONICS DESIGN & APPLICATIONS SEMINAR

Sponsored by the Frank P. Langley Co., Inc.
Presented by Stan Kutin

Monday, September 25, 2017

8:00 A.M. - 4:00 P.M.

Newburgh, (Stewart Airport) NY

1. Fundamentals of Hydronics

- Important Definitions
- System Components

2. Pumps/Pump Curves (Single/Parallel)

3. Air Management in Hydronic Systems

- Role of the Compression Tank
- Air Separation
- System Pressurization
- Installation Details

4. The Bell and Gossett System Syzer®

- How to Make Better Design Decisions
(Includes System Syzer Wheel)

5. Primary-Secondary Pumping & Piping

- Fundamentals of Primary-Secondary Pumping
- Piping Details
- Providing Different Supply Temperatures

6. Introduction to Open Systems

- Cooling Towers and Their Unique Considerations

**ATTENDEES REQUIRING CEU
WILL RECEIVE .7 CEU CREDITS**

WHO SHOULD ATTEND

Anyone who needs an increased knowledge of commercial hot water heating systems such as:

- Contractors
- Design Engineers
- Estimators
- Project Managers
- Maintenance Personnel
- Facility Engineers

Class Instructor:

Stan Kutin - holds a mechanical engineering degree from University of Illinois and is a LEED Green Associate. Stan is currently an instructor at Bell & Gossett's Little Red Schoolhouse where his responsibilities include supporting and developing content for a wide variety of training initiatives, including instructor-led seminars conducted at the LRSB, ASHRAE Seminars, Union Apprentice Schools and other field instruction. Stan has been instrumental in establishing the Bell & Gossett web-based on-demand training; technical manual updates; and training videos. He has 20 years of experience with Bell & Gossett. In addition to time as an instructor in the LRSB Stan has supported the development of new commercial high efficiency pump products and flow control / measurement valve products. He is involved as an attending member of ASHRAE TC 6.1 Hydronic and Steam Systems.

REGISTER NOW! SEATING IS LIMITED!
FOR MORE INFORMATION CALL US OR
email Tina@ tborowicz@fplco.com
FRANK P. LANGLEY CO., INC.
(716) 691-7575

REGISTRATION WILL BEGIN @ 7:30 AM
Monday, September 25, 2017
Homewood Suites/Hilton
180 Breunig Road
New Windsor (Stewart Airport), New York 12553

COMPANY (& BRANCH LOCATION IF APPLICABLE)

STREET ADDRESS

CITY, STATE, ZIP TELEPHONE

E-MAIL ADDRESS NEEDED FOR **ATTENDEE:**

- | | | |
|----|-------|----------------|
| 1) | _____ | E-MAIL ADDRESS |
| | NAME | |
| 2) | _____ | E-MAIL ADDRESS |
| | NAME | |
| 3) | _____ | E-MAIL ADDRESS |
| | NAME | |

REGISTRATION FEE \$100.00 PER ATTENDEE

PAYMENT MUST BE MADE BY September 11th

If paying by check, please make payable to:
FRANK P. LANGLEY CO., INC.

MAIL TO:
219 CREEKSIDE DRIVE
AMHERST, NEW YORK 14228

QUESTIONS: email Tina @ tborowicz@fplco.com PHONE: 716-691-7575 FAX: 716-691-7347

REGISTRATION FEE INCLUDES: CONTINENTAL BREAKFAST, LUNCH, REFRESHMENTS AND REFERENCE MATERIAL.

- I HAVE ENCLOSED A CHECK FOR \$ _____
- Charge to Visa MasterCard American Express

Name on Credit Card **(Please Type or Print)** Billing Zip Code

Card No. Expiration Date 3-4 Digit Security Code

E-MAIL ADDRESS NEEDED FOR **PAYMENT RECEIPT:**

_____	_____
NAME	E-MAIL ADDRESS