



December 2003

Vol. 41, No. 4

Visit us on Internet at www.ashraeny.org

JANUARY DINNER MEETING

Date: Tuesday, January 20, 2004

New Location: **The Yale Club of NYC**
50 Vanderbilt Avenue
(Between East 44th & 45th Streets)
212-716-2100

AGENDA

5:00 – 6:00 PM: Social Hour
(2 free drinks & hor d'oeuvres)

6:00 – 7:00 PM: Dinner
(Note: If anyone has any special dinner requirements, please notify Daniel Noto 212.615.3811 by 1/11)

7:00 – 8:00 PM: Technical Presentation

Speaker: Dharam Pal, P.E.
Port Authority of NY & NJ

Topic: HVAC in Wake of 9-11
Update of PATH/NJ
World Trade Center

Cost: Members \$40.00
Student Members \$20.00
Guests \$55.00

*No RSVP or Reservations Needed.
Cash or Checks Only. Directions Inside.*

**PLEASE NOTE: SMOKING IS PROHIBITED
AT ALL ASHRAE DINNER MEETINGS**

JANUARY DINNER SPEAKER

Dharam Pal is Chief Mechanical Engineer at the Port Authority of New York and New Jersey. He has 35 years of experience in designing of HVAC, Plumbing, Fire Protection, Aviation Fueling, Vertical Transportation and Tunnel Ventilation Systems. He has also been very active in the energy conservation field. He has a BS and MS in Mechanical Engineering from the University of Wisconsin, Madison and a BS in Electrical Engineering from India. He holds professional engineers licenses in the states of New York and New Jersey. He is an active member of ASHRAE and the Association of Energy Engineers. He serves on two technical committees, ASHRAE – “Enclosed Vehicular Facilities”, and NFPA – “Road Tunnel and Highway Fire Protection.”

Dharam was in his office at the World Trade Center during both the 1993 bombing and the 2001 attack. After the 1993 bombing, he played a key role in the repairs and rehabilitation of mechanical systems including a 22,000-ton temporary chiller plant outside the complex. After the 2001 attack, he again became an instrumental player in the restoration of the recently opened temporary PATH station. Currently, he is leading the mechanical engineering efforts in designing the permanent PATH station and the overall site development.

NYASHRAE MEETING MOVED TO THE YALE CLUB

Please note that our new monthly dinner meeting location change has taken effect. Our January 20, 2004 meeting will take place at the Yale Club in Midtown Manhattan. Directions and parking information can be found on Page 8 of this bulletin.

PRESIDENT'S MESSAGE

By John B. Rice, P.E.

To build on the positive start to the 2003-04 year and to lay the foundation for the future, **We have faced a tough decision and decided to move the location of our dinner meetings to The Yale Club of NYC, beginning in January 2004.** The Yale Club is centrally located on Vanderbilt Avenue at 44th Street (along side of Grand Central Terminal) in Manhattan.



We have decided on this change in venue for the following reasons: 1) We require additional space to accommodate the larger gatherings that we anticipate in the near future; 2) We needed a venue with an ancillary space to enable us to reinstate our Pre-Tech portion of the program where vendors in our industry can present technologies and products

in a proprietary fashion; and most importantly 3) We wanted for our membership a return to a prestigious venue more befitting the stature of ASHRAE.

In order to make this change in venue possible, without placing a financial hardship on our members, we plan to embark on a new relationship with our business community wherein our corporate citizens may become sponsors of our dinner meetings. We will acknowledge their sponsorship by display at our meetings and by presentations during our pre-tech sessions.

If anyone would like further information on becoming a corporate sponsor of our dinner meetings please contact me at 203-323-4333. We look forward to seeing you in attendance at our upcoming meetings.

THE CITY COLLEGE OF NEW YORK ASHRAE Student Branch Charter Night

By Eric Glatzl, P.E.

On Thursday, November 13, 2003, the New York Chapter in conjunction with the City College of New York (CCNY), held a Charter Night for the ASHRAE Student Branch. The event took place between the hours of 3:00pm and 7:00pm in the North Academic Center Faculty Dining Room and drew over 70 participants, most of whom were students, but also included many New York Chapter Board of Governors, professional engineers from the HVAC industry, and college faculty.

The evening began with opening remarks by the New York Chapter Student Activities Chairperson and meeting organizer, Eric Glatzl, P.E., followed by the installation of the CCNY Student Branch officers by the New York Chapter President,

John Rice, P.E. Mr. Rice also presented the Charter to the faculty advisor for the ASHRAE student branch at CCNY, Dr. Rishi S. Raj. Dr. Raj then spoke and remarked how the Mechanical Engineering department at City College offers Masters and PhD degree programs in HVAC. He also expressed his sincere gratitude to the Chapter especially Mr. Rice and Mr. Glatzl for organizing the Charter Night.

Dr. Raj was followed by a presentation by New York Chapter Past President, Carl Howard. Mr. Howard spoke on the importance of HVAC and ASHRAE and about his experiences in the industry. The evening's keynote speaker, Robert Daly, P.E., presented after Mr. Howard and was a last minute stand-in for the originally scheduled keynote speaker, Lynn Bellenger, P.E. Ms. Bellenger had to unfortunately cancel her trip down from Rochester earlier in the day due to inclement weather. Mr. Daly spoke about ASHRAE and relayed its' importance to the students. He highlighted that, if a student would like to know what it is like to run your own company, become involved with the local chapter of ASHRAE and run a committee. He remarked how running a committee is very similar to running a business because you have allocated funds to work with, objectives to meet, tasks to delegate, and people you have to work with to accomplish those objectives.

The Charter presentation portion of the evening was concluded with closing remarks by Mr. Glatzl and he then introduced the Networking Reception and Career Fair. Eight companies participated in the Career Fair including: DMJM+HARRIS, AKF Engineers, Cosentini Associates, Baltimore Air Coil, Miller-Proctor-Nikolas, Wallace Eannace Associates, YORK International, and Johnson Controls. Many students took advantage of the Career Fair to network with industry professionals and distribute their resumes to the companies. The Networking and Career Fair portion of the evening was highlighted by a networking contest. The contest consisted of the student who collected the most business cards would win a copy of the 2001 ASHRAE Fundamentals Handbook. To the surprise of meeting attendees, two students collected the most amount of business cards rendering the contest to end in a tie. Both students, Huma Gulnar, a graduate Mechanical Engineering student, and Samy Mahmoud, a Senior Mechanical Engineering student, were awarded the handbook.

The evening was concluded with an appetizing dinner and dessert catered by the City College caterer, Metropolitan Food Service, Inc.

The New York Chapter would like to take this opportunity to congratulate and welcome the newest ASHRAE Student Branch Executive Committee at City College:

Anton Cobb – President
Luca Chiarelli – Vice President
Fotios Raftelis – Secretary / Treasurer

Please join the New York Chapter in welcoming our newest ASHRAE Student Branch.

**NY CHAPTER OF ASHRAE
ALL DAY SEMINAR**

GREEN BUILDING DESIGN

Thursday, March 18, 2004

Alexander Hamilton Custom House
1 Bowling Green, New York, NY 10003

Topics Include: Green Design Overview; Design Integration; Design Integration/Greening through Resource Management; Alternative Source of Financing; Case studies and lessons learned.

Speakers From: USGBC; ASHRAE; UN; NYSERDA; DOE; EPA; FAIA and SWA Associates; Custom House.

Plan to attend this informative one-day seminar. Visit www.ashraeny.org, the monthly bulletin and trade magazines for updates.

WELCOME NEW MEMBERS

The New York Chapter is always excited to welcome new members. On behalf of the Chapter and the Society, I am pleased to announce the election of following individuals:

- | | |
|------------------------|----------------------|
| Lennix F. Anderson | Andrew M. Bernhardt |
| Antonio M. Gulino | Jin Jin Huang |
| Prasad M. Jamkhindikar | Carl R. Johnson |
| Raymond P. Lynady | Elizabeth Montgomery |
| Nigel R. Nicholls | Nicholas Saponara |
| Tuan Gia Tuan | |

If you see any of these new members at the water cooler, jobsite or next Dinner Meeting, please welcome them to the Society.

Brian W. Ryglewicz
br@chimneydesignsolutions.com or 212-685-7077

Green Building Design
All Day Seminar
at the
Alexander Hamilton U.S. Custom House
1 Bowling Green from 8:00am to 4:30pm

This Workshop will cover:

- . The Case for Green Design
- . Design Integration / Green Tips
- . Application & Technologies for Green Buildings
- . Funding Opportunities

SAVE THE DATE
Thursday March 18th, 2004

WWW.ASHRAENY.ORG





NOMINATING COMMITTEE

The Nominating Committee is seeking nominees interested in joining the Board of Governors of the New York Chapter. If you are interested in participating on the Board or becoming active in a committee, please contact John Stiles at 201.445.0085 or john@capesaes.com.

CONTINUING EDUCATION CREDITS

The NY Chapter ASHRAE is currently working with New York State in awarding Continuing Education Credits for meeting and seminar participation. On first of January, a new law goes into effect that requires licensed engineers to acquire 36 continuing education credits every three years.

STUDENT CHAPTER

ASHRAE New York would like to congratulate the offices of the Student Branch Chapter at TCI: Andzej Lamot – President; Darren Sukhnandan - Vice President; and Mohammed Ikhmayes – Treasurer. We would also like to congratulate the City College of New York as a Student Chapter.

NEW YORK MODEL CODE PROGRAM Public Forum

A public forum is being held by the New York City Department of Buildings, New York City Model Code Program in which the public is invited to comment by requesting a place on the agenda. All comments will be made available to the appropriate technical committees involved in the development of modifications to the IBC.

Go to the following link for more information:
www.nyc.gov/html/dob/html/nycmodelcodeprogram.html

Title: NYC Model Code Program's Public Forum

Dates: Wednesday, January 28, 2004
Thursday, January 29, 2004

Time: 9 AM to 5 PM

Location: U.S. Custom House - Auditorium
One Bowling Green, NYC

Please reserve both days on your calendar until further notice is given regarding the Technical Committee Schedule. Should you have any questions, feel free to contact: Sabrina Panfilo at 212-669-4375.

SCHOLARSHIPS

Active Student Branches

The City College of New York (CCNY)

Manhattan College

The New York City Technical College (NYCTC)

The Technical Career Institute (TCI)

Amount of one (1) Award: \$2000.00

Total Number of Awards the Chapter offers PER YEAR

Eight (8) - \$16,000 per year

New Scholarship Award Criteria

1. Full time enrollment in the Mechanical Engineering or HVAC related programs of one of the above listed schools.
2. A minimum Grade Point Average (GPA) of 3.0.
3. Active ASHRAE student membership.
4. Satisfaction of one or more of the following activities:
 - a. Attendance at one (1) ASHRAE NY Chapter monthly dinner meeting and a one (1) page, typed, double-spaced report on the technical presentation.
 - b. A five (5) page, type, double-spaced report on a particular piece of HVAC equipment (i.e. pumps, chillers, cooling towers, fans, etc)
 - c. Attendance on an HVAC related field trip and a one page, typed, double-spaced report on what you saw and learned.
 - d. Past or present part time employment or summer internship at a consulting firm, state agency, or contracting firm in the Mechanical Engineering or Construction/Facility Management Departments.
 - e. Presently an active officer of your ASHRAE student branch.
 - f. Past or present active participation in HVAC related research or projects.
5. Students must conform to the above criteria by February 1st for the award to be given at our May Dinner Meeting.
6. Students must provide their mailing address and ASHRAE membership number.

EDITORIAL CORRECTION

The pictures in the November Bulletin of the students receiving scholarships took place at the September Dinner Meeting instead of the October Dinner meeting as indicated. We apologize for the error.

ASHRAE TECHNOLOGY AWARD SUBMISSIONS

**We Don't Want To Beg!
Your Firm Deserves The Recognition!**

**Please Submit Your Application
Today For The ASHRAE Technology Awards!**

The Technology, Energy and Government Affairs (TEGA) Committee of the New York Chapter of ASHRAE is seeking Technology Award Applications for this year.

The purpose of the ASHRAE Technology Awards program is to:

- Recognize ASHRAE members who design and/or conceive innovative technological concepts that are proven through actual operating data.
- Communicate innovative systems designs to other ASHRAE members
- Highlight technological achievements of ASHRAE to others, including associated professionals and societies worldwide, as well as building and facility owners.

Each year the Society may present awards in thirteen (13) categories:

- New Commercial Buildings
- Existing Commercial Buildings
- New Institutional Buildings
- Existing Institutional Buildings
- New Health Care Facilities
- Existing Health Care Facilities
- New Industrial Facilities or Processes
- Existing Industrial Facilities or Processes
- New Public Assembly
- Existing Public Assembly
- New Residential
- Existing Residential
- Alternative or Renewable Energy Use

The Award is given at the chapter level for the most deserving projects in each category; those receiving first place are automatically entered in the regional competition. The first place regional award for each category is then submitted to the Society for its Prestigious "ASHRAE Award of Engineering Excellence" For each category a first, second, and honorable mention winner may also be named.

Winning an Award at any level of competition is a distinctive accomplishment for your firm and demonstrates a high level of competence. Society Awards have the added honor of being published in the ASHRAE journal and receive world-wide publicity. It is a wonderful way for your firm to get free marketing for a special project or effort that was undertaken.

Fortunately, the application for the Technology Award has been greatly simplified from what it was some years ago. After reading the enclosed application and attached material, you can see for yourself that submitting a project for this award is neither difficult nor complicated. Moreover, our Chapter's TEGA committee will be happy to assist you with any application and answer any questions that you may have.

There are two forms available to submit for the ASHRAE technology awards, the Normal and Short Application forms. Both are available on the ASHRAE web site or you can get a copy by contacting either TEGA Committee members listed below.

For Additional information of for any questions regarding the Technology awards submission, please also contact: Robert O. Gibson, AKF Engineers at **212.354.5656** or Bill Lau, Metro Air Products at **732.906.9220**.

2008 WINTER MEETING

The Winter 2008 Annual Trade Show and Winter Meeting will take place in New York City. ASHRAE New York is actively searching for someone to head the show committee.

If you are interested and would like to speak to someone concerning the event, please contact:

John Rice
jrice@akf-eng.com
203-323-4333

or
Joe Thuman
Jatt21@aol.com
631-277-4737

ASHRAE CODE OF ETHICS

As a member of a Society “*organized and operated for the exclusive purpose of advancing the arts and sciences of heating, refrigeration, air conditioning, and ventilation, the allied arts and sciences, and related human factors for the benefit of the general public,*” ASHRAE Bylaws, June ‘97.

We recognize that honesty, fairness, courtesy, competence and integrity must characterize our conduct. With the foregoing in mind:

- Our efforts shall be directed at all times to the enhancement of the public health, safety and welfare.
- Our services shall be offered only in areas of our competence.
- Our products shall be offered only in areas of their suitability.
- Our public statements shall be issued only in an objective and truthful manner.
- Our endeavors shall carefully avoid conflicts of interest.
- The confidentiality of clients’ and employers’ business affairs, proprietary information, and procedures shall be respected.

Approved by the Board of Directors, June 22, 1986

The ASHRAE Code of Ethics is applied to all members and compliance is required for honors and awards nominees. The Code is posted online at www.ashrae.org/ABOUT/codethc.htm.

CALL FOR NEW MEMBERS

Do you have a colleague, coworker, friend or acquaintance that is interested in joining ASHRAE? If so, please pass this information along to them...

The American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) is an international organization of over 55,000 professional and 5,000 students members. ASHRAE’s mission is to advance the arts and sciences of heating, ventilation, air

conditioning, refrigeration and related human factors to serve the evolving needs of the public and ASHRAE members.

Membership in ASHRAE is open to any person associated with heating, ventilation, air conditioning or refrigeration (HVAC&R). As a member you will have access to state-of-the-art HVAC&R technology. Your membership will also provide many opportunities to participate in the development of that technology.

In addition to the NY Chapter, participation is available through membership on Society committees, such as standards projects committees, which are responsible for the development of standards and technical committees which advise the Society on research needs, emerging technologies, and technical matters. Technical education and information is the greatest benefit of ASHRAE membership.

Others include:

- ASHRAE Handbooks - the most widely cited reference source for HVAC&R technology in the world. ASHRAE members receive one volume of the ASHRAE Handbook (which sells for \$144) each membership year at no charge.
- ASHRAE Journal - a monthly magazine, reviews current HVAC&R technology of broad interest through publication of application-oriented articles.
- ASHRAE Insights - a monthly newspaper that provides news about ASHRAE at the chapter, region and Society levels.
- ASHRAE publications - some 300 current titles, which members are able to purchase at a 20% discount.
- ASHRAE educational products - ranging from the Society's semiannual conferences to home study courses.

For additional information on ASHRAE membership, please contact:

Brian W. Ryglewicz
NY Membership Chair
212-685-7077

br@chimneydesignsolutions.com.

RESEARCH PROMOTION

We would like to thank you for your past investment in ASHRAE Research, and hope that you and your company will once again make a significant investment in improving the way we live. Your generous contributions insure the future of our industry and influence our health and well being for today and for future generations. At the Society meeting in June, five new research projects were approved at a cost of over \$650,000 thanks to funds received from last year's campaign. There are now 93 active research projects being underwritten by ASHRAE Research.

Please make an investment today by completing the information below and return it with your investment. It is with great pleasure and gratitude for me to be a part of ASHRAE and the New York Chapter, it is therefore with this motivation and drive that I call upon you to support our research and make this a better place to live in.

ASHRAE Research Promotion

I will support ASHRAE Research in the amount of \$ _____ (Check enclosed payable to ASHRAE Research)

Member Number: _____

Phone Number: _____

Name: _____

Company Name: _____

Address: _____

City/State/Zip: _____

Please Check One: Personal Contribution
 Personal Contribution

Charge my gift to: Visa American Express

Credit Card # _____

Expiration Date: _____

Signature: _____

Send to: ASHRAE Research Fund
 1791 Tullie Circle N.E.
 Atlanta, GA 30329-2305

**SAVE THE DATE!
 2003/04 DINNER MEETING SCHEDULE**

Date	Event/Topic
Jan. 20, 2004 Dinner Meeting	Dharam Pal, P.E. of the Port Authority of NY&NJ Update on PATH and Trade Center
February 12, 2004 Dinner Meeting Joint Chapter	Richard Rooley President of ASHRAE (Location: UN International School)
March 18, 2004 NY Chapter All Day Seminar	Green Building Design at the Alexander Hamilton U.S. Custom House
March 23, 2004 Dinner Meeting Student Night	Speaker & Topic TBD
April 27, 2004 Dinner Meeting Research Promotion	Speaker & Topic TBD
May 7, 2004	Annual Dinner Dance Please contact Richard Batherman at 212-563-6756 for more info.
May 25, 2004 Dinner Meeting	Speaker & Topic TBD

JOB OPPORTUNITIES

HVAC Engineer: A large firm in the New York/New Jersey area is seeking a mechanical engineer with a minimum of 7 years of design experience in the HVAC field. Applicants must possess BSME and should be proficient in AUTOCAD. Please submit resume to dave101@mail.ashrae.org.

To view current resumes and/or employment opportunities, check out our new student center, or get the latest ASHRAE information, visit our web site at: www.ashraeny.org. To post resumes or job opportunities, please contact Eric Glatzl at 212.991.2093 or eric.glatzl@dmjmharris.com.

Remember you must be a current ASHRAE member to utilize this service.



DIRECTIONS TO THE YALE CLUB

50 Vanderbilt Avenue (between East 44th & East 45th)
Midtown Manhattan

By Public Transportation: Grand Central is serviced by MetroNorth Commuter lines, the NYC Transit Authority 4,5,6,7 and the Shuttle from Times Square. Carey Bus serves the New York airports, and Olympia serves Newark airport transporting passengers to and from the area immediately in front of Grand Central Terminal, on the south-east corner of 42nd and Park Ave.

Located immediately west of Grand Central Terminal, the Club is one block east of Madison Ave. and one block west of Park Ave. When exiting Grand Central, take the "Vanderbilt Ave." staircase on the west side of the terminal. Upon reaching the street level, turn right, and look for the blue Yale flag hanging one block north.

Driving Directions from Queens: Take the Queensboro Bridge, exit to 2nd Ave. and continue south on 2nd Ave. to 47th St. Make a right onto 47th St. Go west on 47th St. to Vanderbilt Ave. Make a left onto Vanderbilt. The Club is on the right, between 44th St. and 45th St.

From Long Island: Take the L.I.E. west to the Midtown Tunnel. Exit tunnel and make a right onto 3rd Ave. Take 3rd Ave. north to 47th St. and make a left onto 47th St. Go west on 47th St. to Vanderbilt Ave. Make a left onto Vanderbilt. The Club is on the right, between 44th St. and 45th St.

From Pennsylvania, Washington DC & Points South: Take the New Jersey Turnpike North (I-95) to exit 16E Lincoln Tunnel. Upon exiting the tunnel stay to your left. At the first light, 40th St., make a right. Go east on 40th St. to Sixth Ave. Make a left onto Sixth Ave. Take Sixth Ave. to 44th St. Make a right onto 44th St. Go three blocks to Vanderbilt Ave. Make a left onto Vanderbilt Ave. The Club will be on the left.

From New England, Westchester, Connecticut & Points North: Take I-95 South to 278, the Bruckner Expwy, and follow signs to the Tri-Boro. When leaving the bridge follow the signs for the East River Drive. Take East River Drive (FDR Drive) to the 49th St. exit. Go west on 49th St. and make a left onto 2nd Ave. Go two blocks to 47th St. and make a right onto 47th St. Take 47th St. to Vanderbilt Ave. Make a left on Vanderbilt Ave. Go two blocks to the Club. The Club is on the right, between 44th and 45th Sts.

PARKING:

Hippodrome: 44th St. between 5th and 6th Ave. \$28.00 for 24hrs, get claim check stamped at The Yale Club Front Desk.

Grand Central Garage: 44th St. between Vanderbilt and Madison Ave. \$27.00 for 24 hrs, get claim check at The Yale Club Front Desk.

Valet Parking: Park in front of The Yale Club on Vanderbilt and bring car keys to Front Desk. \$30.00 for 24 hours. For weddings and large groups, there is an additional \$15.00 surcharge per vehicle.

DISCLAIMER

"ASHRAE has compiled this publication with care, but ASHRAE has not investigated, and ASHRAE expressly disclaims any duty to investigate any product, service, procedure, design or the like which may be described herein.

The appearance of any technical data, editorial material, or advertisement in this publication does not constitute endorsement, warranty, or guaranty by ASHRAE of any product, service, procedure, design or the like. ASHRAE does not necessarily agree with any statement or opinion in this publication. The entire risk of the use of any information in this publication is assumed by the user. Statements made in this publication are not expressions of the Society or of the Chapter and may not be reproduced without special permission".

FROM THE EDITOR'S DESK

The ASHRAE Chapter Bulletin should reflect the opinions, activities and needs of its members. We represent an active membership and the Bulletin can provide a valuable and enjoyable forum for news of our individual members.

Any announcements of interest, as well as letters, opinions, questions or comments, should be address to:
Meraj Ramnarine, Technical Career Institutes, 320 West 31st Street, New York, NY 10001 or e-mail at mramnarine@tciedu.com.


HELP US BECOME ENVIRONMENTALLY FRIENDLY!

Receive your Newsletter via e-mail.



To have your name removed from the mailing list and added to our electronic list, please notify Meraj Ramnarine at mramnarine@tciedu.com.


JOSEPH F. AZARA, JR. TEL. (718) 788-1040
FAX (718) 788-2046



D.E. Air Conditioning Co. INC.
ESTABLISHED 1930

321 - 39th STREET BROOKLYN, N.Y. 11232-2981

Jerry Di Cunzolo
President



United Electric Power

230 Duffy Avenue
Hicksville, NY 11801
Tel: (516) 812-6800
Fax: (516) 812-6990
E-Mail: JerryD@uep.net



INTEGRATED
BUILDING CONTROLS, INC.

12 Stults Road., Ste. 102
Dayton, NJ 08810
609.860.6600
609.860.6601 Fax
973.214.8735 Cell

Web Accessible BACnet™



**Delta
CONTROLS**

Steve McCloskey
stevem@planetibc.com

**chimney
DESIGN
solutions**

VOICE: 212-685-7077 FAX: 212-685-4777
chimney design solutions.com



INTEGRATED
BUILDING CONTROLS, INC.

12 Stults Road., Ste. 102
Dayton, NJ 08810
609.860.6600
609.860.6601 Fax
908.216.3571 Cell

Web Accessible BACnet™



**Delta
CONTROLS**


Michael Casolari
mikec@planetibc.com

Wallace Eannace Associates, Inc.



Manufacturers Representatives
50 Newtown Road
Plainview, New York 11803
516-454-9300
FAX 516-454-9307

Joseph A. Thuman
District Sales/Marketing Manager



**CAPE
ENTERPRISES INC.**

ROBERT SENIA
RICHARD ROSE
RALPH SCHLENNER

EXCELLENCE IN BUILDING SOLUTIONS

2711 Barway Ave., Brooklyn, NY 11214
Tel: (718) 714-4242 • Fax: (718) 714-6186

REPRESENTATIVES OF:


Airbicon	DSP Mechanical	Multistack
Airguard	EM	Price Industries
Industriew	Hestcraft	Reed-Ind.
Alpac	Heatex	Red-Plus
Altherm	Indeco	Rozner
Amens	Jackson & Church	Ruffrock
Bard	L.C. Systems	Rural
Berke	Lorin Cook	TCF Aerospace
Berner	Magic Aire	Thermo-Plus
International	MK Plastics	Vest Master
Circ-Aire	Modine	Viron
Dectron	Modine	Williams
	Modine	
	Atqsystems	

John J. Stiles

CAPE SALES Inc.

Combustion Automation & Power Equipment
80 Red Schoolhouse Road • Chestnut Ridge, NY 10977
Suite 107

? 845. 426.6111 • Fax 845.426.6001
e mail • john@capecsales.com
www.capecsales.com



Bush Sales
MANUFACTURERS REPRESENTATIVE
A DIVISION OF BUSH WHOLESALERS, INC.

PENN VENTILATION
BARRY BLOWER
NAILOR INDUSTRIES

(Tel) 718.624.5900 (Fax) 718.624.2505

- AMBER-BOOTH VIBRATION ISOLATORS
- ADVANCED THERMAL SYSTEMS SLIP & BALL JOINTS
- RM-HOLZ RUBBER EXPANSION JOINTS
- BADGER METAL EXPANSION JOINTS
- LINK-SEAL PIPE TO WALL PENETRATION SEALS
- MILJOCO THERMOMETERS & GAUGES

RICHARD E. BATHERMAN

VICO VICO INC. 448 W. 36TH ST. NEW YORK, NY 10018
PHONE: (212) 563-6756 FAX: (212) 268-9492

OFFICERS:

PRESIDENT John B. Rice, P.E. 212/354-5656
jrice@akf-eng.com

PRESIDENT ELECT William J. Madden 212/949-1800
bill.madden@york.com

VICE PRESIDENT William Lau 732/906-9220
blau.metroair@verizon.net

SECRETARY Eric Glatzl, P.E. 212/991-2093
eric.glatzl@dmjmharris.com

TREASURER Joseph A. Thuman 516/454-9300
jatt21@aol.com

GOVERNORS:

Richard E. Batherman 212/563-6756
Carl C. Howard 212/484-2222
Timothy Quigley 516/454-9300
Meraj Ramnarine 212/594-4000
Michel Rimpel 212/584-3109
Cleopatra M. Zonis 845/426-6111
Daniel Noto 212/615-3811
Monica Perl 551/206-2167
Brian W. Ryglewicz 212/685-7077

OPERATIONAL COMMITTEES:

ALL DAY SEMINAR **Michel Rimpel**, Eric Glatzl, P.E.
Bob Fasullo

ARCHIVIST **Joseph F. Azara, Jr.**, Mitchell I. Merdinger
AUDIT **Gene Geyer**, Joseph A. Thuman
BULLETIN **Meraj Ramnarine**, Eric Glatzl,
Cleopatra M. Zonis

BY LAWS/GUIDELINES **Leo Pollack**, John J. Stiles
CRC ACTION **John B. Rice, P.E.**, John Stiles,
William J. Madden, Carl C. Howard

DINNER DANCE **Richard E. Batherman**, Joe Azara,
Michel Rimpel

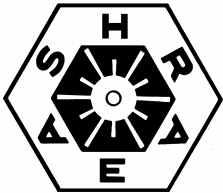
FIELD TRIP **Monica Perl**
HISTORIAN **Joseph F. Azara, Jr.**
HOME PAGE **Eric Glatzl**, Cleopatra M. Zonis
HONORS & AWARDS **Carl Howard**, Michel Rimpel,
Joseph Azara

MEMBERSHIP **Brian Rylewicz**, William Lau,
Michel Rimpel

NOMINATING **John Stiles**, John Rice
PROGRAM **William Madden**, John Rice
PUBLIC RELATIONS **Brian Rylewicz**, Meraj Ramnarine
REFRIGERATION **William J. Madden**
RESEARCH PROMOTION **John Stiles**, Richard E. Batherman
RECEPTION **Daniel Noto**, Michel Rimpel, William Lau
ROSTER **Joseph A. Thuman**
STUDENT ACTIVITIES **Eric Glatzl**, Meraj Ramnarine,
Carl C. Howard, John Rice

TEGA **Robert Gibson**, Harrison Goodman,
William Lau

LECTURE SERIES **Monica Perl**, Timothy Quigley



ASHRAE
c/o Wallace Eannace Associates, Inc.
21 Walnut Street
Islip, NY 11751-2212