

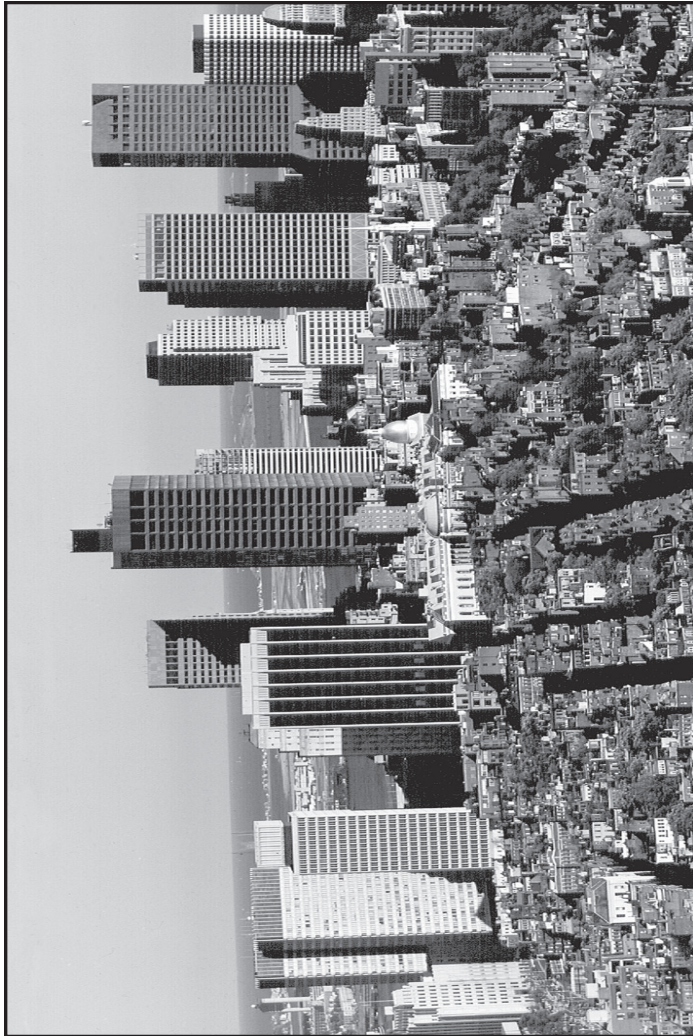


THE AMERICAN SOCIETY OF PLUMBING ENGINEERS

ASPENEWS

1973 - THE BOSTON CHAPTER - 2007

A.S.P.E. - P.O. Box 111, East Walpole, MA 02032 - Vol. 34, Issue 8



WHAT'S IN THIS ISSUE

President's Report	2
Membership Report	2
Technical Report	3
Legislative Report	4
BALLOT	Insert

Society email aspehq@aol.com

Society Website www.aspe.com

Boston Chapter Website www.aspebos.org

Next Meeting Tuesday, April 10, 2007

The Lantana, Randolph, MA

MAIN PROGRAM "Siphonic Drainage Systems"

GUEST SPEAKER

Mr. John M. Rattenbury, PE, CIPE, LEED AP

PROGRAM SCHEDULE

Social Hour	5:00 – 6:00
Dinner	6:00 – 7:00
Chapter Business	6:45 – 7:00
Speaker / Technical Session	7:00 – 8:30

MENU

Wedge Salad, Stuffed Pork, Medley of Vegetable
& Strawberry Ice Cream Pie

MEETING RESERVATIONS

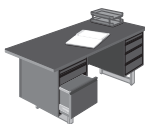
\$30.00 Reservation / \$40.00 W/O Reservation

Please reserve by **FRIDAY, APRIL 6, 2007**

Contact Cathy @ W.P. Haney, (508) 238 – 2030

**Where Quality and Professionalism
are an every day standard!**

Chapters are not authorized to speak for the Society



President's Report

Our March 13, 2007 Chapter Meeting was our annual Joint Meeting with PHCC of Greater Boston. It was held at the Quincy Marriott and featured a Panel Discussion of On the Job Coordination and Cooperation by Frank Teebagy PE of ASPE, Jim Polando PE of ASPE and two members of PHCC of Greater Boston.

There were a total of 30 attendees, 18 affiliate members and 12 Full & Associate members. There was some discussion that additional information should be included on all Plans.

CPD EXAM

This year approx 125 engineers will take the CPD EXAM with over 20 takers from the Boston Chapter. Once again Boston leads the Nation.

SUNSET of the CIPE

All CIPE s should have received either written notification or a telephone notification from the Chapter at this time. If you have not received notification, call me at 617-331-8714 and also call the National office at 773-693-2773. You must either convert to a CPD or drop the use of the CIPE all together.

GRASS ROOTS MEETING

Sad to report the National Dues are going up, how much is yet to be decided. All large chapters, in particular Chicago, have been challenged to match our forgiveness of old dues rebate to National.

By Alfred M. Marzullo PE, CPD, President, Boston Chapter ASPE
Chairman ASPE Registration Committee



Membership News

The Joint PHCC / ASPE meeting on March 13, 2007 was a great event. Unfortunately, there was not enough time to pass out the 10, 20, and 30 year pins. We will do that at the April Meeting.

Don't forget to mark your calendars for the golf outing August 23, 2007 at Easton Country Club.

By James P. Harrison, V.P. Membership, Boston Chapter ASPE

President

Alfred M. Marzullo, P.E., CPD
The Marzullo Group
Tel: (617) - 331 - 8714
Fax: (617) - 591 - 2086
e-mail: al@marzullo.com

V. P. Technical

Fredrick S. Neth, CIPE
Cosentini Associates
Tel: (617) - 494 - 9090 xt 327
Fax: (617) - 494 - 9292
e-mail: fneth@cosentini-ma.com

V. P. Legislative

Manuel B. Garcia, PE
Tel / Fax: (774) - 202 - 7677
e-mail: mgarcia43@comcast.net

Deputy V. P. Legislative

Frank Denisi
TRO Jung Brannen
Tel: (617) - 969 - 9400 ex. 123
Fax: (617) - 332 - 4669
e-mail: fdenisi@TRO.com

V. P. Membership

James P. Harrison
Symmons Industries
Tel: (781) - 848 - 2250
Fax: (781) - 843 - 3849
e-mail: jharrison@symmons.com

Treasurer

John H. Pokorny
J. H. Pokorny Associates
Tel: (781) - 762 - 2661
Fax: (781) - 762 - 5949
e-mail: johnp@jhpokorny.net

Administrative Secretary

Paul Galvin
George Fischer Sloane, Inc.
Tel: (501) - 658 - 1115
e-mail: paul.galvin@sloane.georgefischer.com

Corresponding Secretary

Patrick J. Haney
W. P. Haney Company
Tel: (508) - 238 - 2030
Fax: (508) - 238 - 8353
e-mail: phaney656@aol.com

ASPENEWS Editor

Dawn Pokorny
Tel: (508) - 520 - 0133
Fax: (781) - 762 - 5949
e-mail: dawnp@jhpokorny.net

Education Chairman

Joseph A. Vela, Sr. CIPE, CPD
Aspen Design Group
Tel: (401) - 339 - 1717
Fax: (401) - 658 - 2100
e-mail: jvela-aspen@cox.net

Board of Governors

Chairman

Joseph A. Vela, Sr., CIPE, CPD

Members

James P. Polando, PE, CIPE
William F. Hughes, CIPE, CPD
William R. Brady, CPD

Affiliate Liaison

Tom J. Farrell
Tel: (781) - 344 - 1988



Technical Report

APRIL MEETING

The April meeting will be back at Lantana's, and will be a great program. We will have one of our own members as the guest expert. Mr. John M. Rattenbury, PE, CIPE, LEED AP will be discussing Siphonic Roof Drainage systems. John is a nationally recognized expert on this topic, and was instrumental in our Society writing the standard on this type of system. John is an experienced speaker and has authored numerous articles for more than 6 different publications. His knowledge on the topic, value, cost, application, and the process of designing and installing siphonic roof drain systems is the best around. Come join us, and have a great evening with colleagues, **earn CEU's.....**, and learn about a system that will see more use in the future, than it has in the past.

There will also be a handout written by Joe Barbera from the ASPE Convention entitled "Fuel Gas Systems, Natural & Propane".

CHAPTER ELECTIONS

This will be my last opportunity to remind all members about the elections in May if anyone is interested in running for a board position. They should approach one of the board members to let them know.

The ballots are contained in this newsletter, so if you are interested you need to attend the May meeting, make your candidacy known to a Board member (or former Board member), and campaign for the position. We welcome all interested parties to step forward and help the Boston Chapter and Society by contributing, as either a volunteer or a member of the Board.

PRODUCT SHOW

The product show committee will be meeting each month, and laying the plans for our 17th Biennial Product Show to be held at Lantana on November 13th. If anyone is interested in getting involved please contact Jeff Gooding or Kevin Lally for more information. I would like to encourage all the Boston Chapter members to get involved with the show. There are many committees that need members, and always a lot to do. We expect to sell out the show this year, and have a great attendance again.

CPD EXAM

I would like to take a minute to thank our volunteers for the CPD prep class that was held on March 21st and 28th. The 3 instructors Joe Barbera, PE, CIPE, Blair Chamberlain, PE, CIPE, and Kevin Lally, CPD along with the assistance of Roger Wardwell, PE, CPD, and our Chapter President Al Marzullo, PE. Their efforts and continued contributions to the members are greatly appreciated, as is their willingness to share their experience and expertise. I hope all the members that attended had a great time and learned a lot about the CPD exam. **I wish all the Boston Chapter members who are taking the exam on the 21st of April, good luck.**

By Frederick Neth, CIPE, V.P. Technical Boston Chapter ASPE

URELL, INC.
www.urell.com

617-923-9500 ph.
617-926-9414 fax

AFOLLO
A DIVISION OF CONBRACO INDUSTRIES, INC.

GROHE

LASCO
BATHWARE

Olivetti

State
WATER HEATERS
The Experts' Choice

STAMIST
STEAMSAITH & SAUNA

TOTO

uponor

WARDFLEX

ZOELLER
PUMP CO.

Dale L. Powell
Regional Manager



Copper Development Association Inc.

P.O. Box 6687
Harrisburg, PA 17112-0687
Tel: (717) 533-0353
Fax: (717) 533-1688
dpowell@cda.copper.org
www.copper.org

CDA is a not-for-profit trade association that serves as the market development and engineering services arm of the copper and brass industry in the United States. CDA is your source for information related to copper and copper alloys.

SLOAN VALVE CO. • HALSEY W. TAYLOR CO. • LEONARD VALVE CO.
WATER SAVER • GUARDIAN • GEORGE FISCHER
JUST • ACORN • MIFAB • CHRONOMITE

J.H. POKORNY ASSOCIATES

1502 PROVIDENCE HIGHWAY
NORWOOD, MA 02062
www.jhpokorny.net

TEL (781) 762-2661
FAX (781) 762-5949
info@jhpokorny.net

 <p>GOURLEYCO HOT WATER BY DESIGN 80 Felton Street Waltham MA 02453 Phone: 781-894-9500 Fax: 781-894-2301 Website: gourleyco@gourleyco.com</p>	
 <p>Gas Water Heating Boilers Hydronic Heating Boilers Gas Fired Booster Heaters Commercial Pool & Spa Heaters</p>	 <p>Tank Type Water Heaters Gas & Electric Residential & Commercial</p>
 <p>Semi-Instantaneous & Factory Packaged Water Heaters</p>	 <p>Commercial Electric Water Heater 10 Warranty Unique Plastic Design</p>
	



Legislative Report

This month's legislative report will continue to compare the design differences of the major sections of the Massachusetts State Plumbing Code (248 CMR 10.00) to that of the international plumbing code (IPC). This month's article will review the Plumbing Fixtures sections of the two codes.

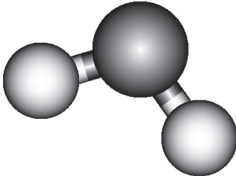
Both codes approve and disapprove the same type of fixtures and present similar materials and design requirements for each type of plumbing fixture. The IPC separately lists materials for specialty fixtures in section 402.2. The codes vary in the minimum facilities requirement. Overall, when comparing IPC table 403.1 with 248 CMR 10.10 table 1, the IPC is less stringent than 248 CMR requirements. The IPC also does not state a urinal requirement within table 403.1, it refers you to 419.2., which states that "urinals shall not be substituted for more than 67 percent of the required water closets". In addition, the mass code allows for the substituting of urinals for water closets when determining the minimum required fixtures, but the percent is different for each building classification. In 248 CMR, the separate facilities requirement also varies with each building classification, but the IPC allows for combined facilities for occupancies where fifteen or less people are employed. Also, the IPC allows fixtures within a unisex toilet and bathing room to be included in the minimum facilities requirement for the assembly and mercantile occupancies.

Another area the two codes vary is alternative technology. 248 CMR 10.5F allows the use of "innovative and alternate technology toilets" in areas where sewers are unavailable.

If you know of any areas I have not included or of something I have misstated, please feel free to contact me at Fdenisi@trojungbrannen.com

By Frank Denisi, Deputy V.P. Legislative, Boston Chapter ASPE

PRACTICAL APPLICATIONS



Practical Applications, Inc.
12 Channel Street
Boston, MA 02210
Tel: 617.423.5639 Fax 617.423.9341
www.pai-online.com


DESIGN

BUILD

SERVICE

EDUCATE

INDUSTRIAL WATER & WASTEWATER SYSTEMS



The Spencer Turbine Company
Manufacturer's of:

- UL-Listed Hermetic Natural Gas Boosters
- Central Vacuum Systems for Housekeeping, Oral, and Surgical Laser Smoke Evacuation

Represented by: **Environmental Air Specialties**
P.O. Box 541 – Grafton, MA 01519
p: 508-839-6157 – f: 508-839-4431
www.easne.com

Maurice Brodeur – Sales/Engineering
Cell: 508-958-6346 – mbrodeur@easne.com

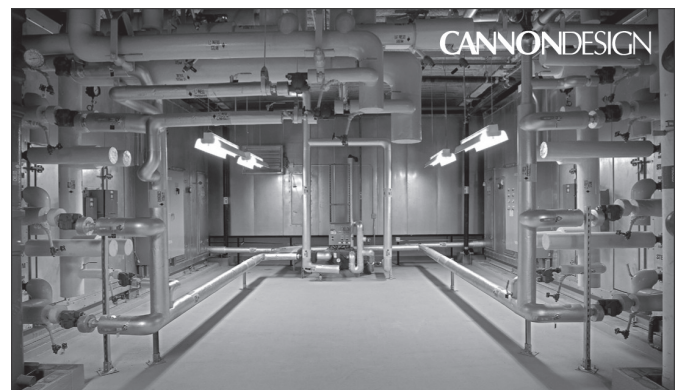
603-644-5554
Fax: 644-3338
800-542-5554

sales@towerhillsales.com
www.towerhillsales.com



Tower Hill
Sales Associates, Inc.

P.O. Box 457
320 Rockingham Road, Unit 4
Auburn, New Hampshire 03032



Plumbing / Fire Protection Engineer

Cannon Design, an award winning national design firm, offers exciting career opportunities for an experienced Plumbing/Fire Protection Engineer in a dynamic, team focused work environment in our Boston office.

The successful candidate will have:

- BS in Mechanical Engineering
- Minimum 7+ years experience in Plumbing/Fire Protection system design for buildings, including institutional, health science, and commercial projects
- Strong communications and interpersonal skills
- Proficiency in AutoCAD
- PE and LEED preferred

Responsibilities include:

- Design of Plumbing/Fire Suppression systems for buildings
- Layout using AutoCAD and AutoCAD Overlays
- Preparation of construction drawings and specifications for Plumbing/Fire Protection systems
- Field inspection of projects under construction

Please send resumes to HR@cannondesign.com. EEO/AA.
Cannon Design, 100 Cambridge Street, Suite 1400, Boston, MA 02114



Highland Tank®

108 Londonderry Turnpike
Auburn, NH 03032

Lowe Engineering

unmatched quality & Service

mgauthier@highlandtank.com
www.highlandtank.com

603-647-6646
FAX 647-7547
Cell 603-315-7465

Michael Gauthier
Sales Engineer
Manager - Lowe Engineering



For all of your faucet needs

- Residential
- Institutional
- Commercial
- Healthcare



DAVID GOODING INC.

David Gooding, Inc., 173 Spark Street, Brockton, MA 02302
1-800-836-3441 or (508) 894-2000 / Fax: 508-894-2005 / www.goodingd.com



The Fire Pump Testing Company

Evaluation, Testing and Certification of Fire Suppression Systems
Fire Pump Testing, Standpipe Testing, Building Commissioning
Hydrant Flow Testing and Water Supply Analysis
Residential and Commercial System Installation
Fire Protection Design and Engineering
System Hydraulic Analysis

Tel: (617) 971-0700

Fax: (617) 524-7171

<http://www.thefirepumptestingcompany.com>

Email: tom@thefirepumptestingcompany.com

Member: ASPE, NFPA, AFSA, FCCCHR

11 Varney Street
Boston, MA 02130-4109

DiGiorgio Associates Inc. (DAI) is a Boston based Architectural firm with a branch office located in Farmingdale, ME. At DAI, the primary focus is on providing quality services to our clients, while providing leadership and growth opportunities to our staff. Although DAI's client base is diverse, we specialize in the design, engineering and construction of acute care hospital facilities as well as assisted living projects.

We are currently accepting applications for the following position:

Mechanical Engineer – Position requires experience in the design of mechanical systems for acute care hospitals, health care facilities and other related projects for DAI and other clients. Advanced experience in the design of HVAC, plumbing, medical gas and/or fire protection systems for healthcare facilities is required. A working knowledge of Elite load estimating programs and MasterSpec is preferable, as is the ability to perform detailed field surveys and work as project manager. Fifteen years plus experience and/or professional registration in the New England states is preferred. Travel throughout New England will be required. Competitive salary and excellent benefits package. Relocation Assistance available. Interested candidates should forward their qualifications to:

Human Resources
DiGiorgio Associates Inc.
225 Friend Street
Boston, MA 02114

Phone: (207) 582-2400 Email: jobs@dai-boston.com
www.dai-boston.com

**The Maine office is located at
484 Maine Avenue in Farmingdale.**

There is More Than One Good Reason to Spec T&S.



24 Hour Quick Ship —

Say goodbye to downtime.
Call in your order before
noon for same-day
processing and fast
turnaround.



T&S plumbing products represented in Boston by:
Specification Sales - 781-396-0842



RELIABILITY BUILT IN
www.hbrass.com • 1-800-476-4103

**Piping.
Systems.
Solutions.**



Northeast Engineering Specialist
David Dears • 617-824-0601

www.victaulic.com
1-800-PICK-VIC



John W. Panora, P.E.

Joan Panora
Bruce A. Forbes
Matt Van Guilder

781-331-7410 (tel)
781-337-1389 (fax)
joan.panora@jjpanora.com

J & J Panora
the pump works
74 Pleasant Street
So. Weymouth, MA 02190

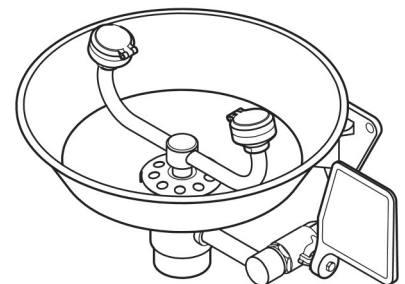
GUARDIAN EQUIPMENT

Emergency Eye Wash and Shower Equipment

Represented by:



J.H. Pokorny Associates
(781) 762-2661



Affiliate Corner

The Boston Board of Directors plan on presenting each new engineering member with a welcome package or "TOOL BOX".

This "TOOL BOX" will contain items an engineer might find useful such as gauges, tape measures, flashlights, etc.

If any affiliate has an item they could donate please contact Paul Taylor at BER Engineering.

**Telephone Number: 508-230-0260
Email: ptaylor@ber-engineering.com**

By Tom Farrell, Affiliate Liaison Boston Chapter, ASPE

**Call your fellow ASPE member for Symmons product assistance.
Jim Harrison, John Carter, John Kennedy, Dan O'Brien**

Symmons

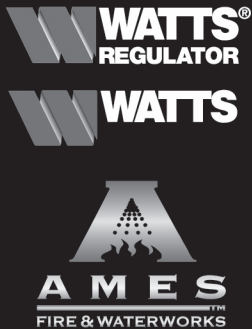
Symmons Industries, Inc., 31 Brooks Drive, Braintree, MA 02184-3804
1-800-SYMMONS or (781) 848-2250 Fax: 1-800-961-9621 or (781) 664-5211
www.symmons.com

The Walter F.



77 Green St. Foxboro, Ma
Ph: 1-800-888-1922
Fax: 1-800-888-1942

Bock	Water Heaters	Aquapure/Cuno	Filters & Treatment
LuxPro	Thermostats	NTI	Trinity, Odyssey & Matrix Boil-
Watco	Bath Drains	Woodford	Freezeless Faucets & Wall Hydrants
IPEX	Industrial Products	Acid Waste – Corzan CPVC – Sched 40 & 80 Kitec – WarmRite Radiant – PlumBetter – Municipal Systems	



Patrick J. Haney

Represented by:
WP Haney Co.
51 Norfolk Ave.
South Easton, MA 02375
Phone (508) 238-2030
Fax (508) 238-8353
Cell (508) 326-7056



Leonard has been the leader in water temperature control since 1913.

LEONARD VALVE COMPANY

1360 Elmwood Avenue, Cranston, RI 02910-3817
Phone (401) 461-1200 Fax (401) 941-5310
www.leonardvalve.com



Value Alliance Club.

Office: 781-344-1988
FAX: 781-344-1989

*T & S Farrell
Pump Sales, Inc.*

Representing Weil Pump Co.
Thomas J. Farrell

P.O. Box 459
11 Dale Street
Stoughton, MA 02072

New England Combustion Products, Inc.



Bob Handschiegl — cell 781 760 1884

bhandschiegl@necombustion.com

Office 781 337 8888 fax 781 337 8848



Massachusetts 2007 Legal Holidays

<i>Date</i>	<i>Holiday</i>	<i>Retail Sun. Hol. Law</i>	<i>Permit Required</i>
April 17, 2007	Patriot's Day	No	No
May 28, 2007	Memorial Day	No	No
July 4, 2007	Independence Day	No	No
September 3, 2007	Labor Day	No	No
October 8, 2007	Columbus Day	Yes	Yes

BASIC HOLIDAY RULES: All Holidays listed are Federal except Patriots Day which is a Mass. Holiday. Mfrs. are not required to pay time & a half for holidays falling on Sunday that are celebrated on Monday. Holidays falling on Saturday are celebrated on Saturday.

ASPE Boston Chapter 2007 - 2008 Schedule of Events (Partial)

April 10, 2007	Siphonic Roof Drain Systems—John Rattenbury	The Lantana - Randolph, MA
May 8, 2007	Keyspan Energy Delivery Systems update on communication with Keyspan Chapter Elections	The Lantana - Randolph, MA
August 23, 2007	18th Annual ASPE Boston Chapter Golf Outing	Easton Country Club - Easton, MA
September 11, 2007	Water Re-Use System Engineering, Design & Application - Brian Hagopian	The Lantana - Randolph, MA
October 9, 2007	Water Conservation / LEED credits - Blair Chamberlain & Mark Warren An in depth presentation on how to engineer & design for water conservation, and LEED innovation credits for plumbing engineers and designers.	The Lantana - Randolph, MA
November 13, 2007	Boston Chapter's 17th Biennial Product Show & Seminars	The Lantana - Randolph, MA
December 11, 2007	Monthly Meeting	The Lantana - Randolph, MA
January 8, 2008	Monthly Meeting	The Lantana - Randolph, MA

Index of Paid Advertisers

Copper Development Association	3	J & J Panora	5	Symmons	6
David Gooding, Inc.	5	J. H. Pokorny Associates	3	T & S Brass	5
Environmental Air Specialties	4	Kirschner Associates, Inc.	8	T & S Farrell	6
Fire Pump Testing Company	5	Leonard Valve	6	Tower Hill Sales	4
Gourley	3	New England Combustion Products	6	Urell	3
Guardian	5	NIBCO	8	Victualic	5
Halsey Taylor	8	Practical Applications	4	Walter F. Morris Company	6
Highland Tank	4	Sloan Valve	8	W.P. Haney / Watts	6



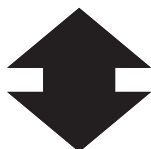
From:

**A.S.P.E.
P.O. Box 111
East Walpole, MA 02032**



Boston Chapter - AMERICAN SOCIETY OF PLUMBING ENGINEERS

**Next
Event**



**TUESDAY
10
APRIL**

Send to:

FIRST CLASS MAIL

**Halsey Taylor HVR Series
Vandal-Resistant Water Coolers**

- Stainless steel construction
- U.L. listed for indoor **and outdoor** service
- Vandal-resistant features
- Can be installed to meet **adult or child ADA**
- Meets NSF/ANSI 61



Halsey Taylor
Satisfying Thirsts Since 1912

630.574.3500



halseytaylor.com

NIBCO
AHEAD OF THE FLOW™

Ball Valves, Butterfly Valves, Gate, Globe, Check & Angle Valves,
Fire Protection Valves, and Actuation & Controls

NIBCO INC. Valves & Actuation

Philip P. Hugo—Sales Engineer

PHONE: 508.380.3984 • VM: 800.234.4642 ext. 8007 •

FAX: 574.295.3307 • email: hugop@nibco.com

KIRSCHNER ASSOCIATES, INC.

8 Abbey Lane, PO Box 312
Middleboro, MA 02346-0312

Tel: 800-752-1588 Fax: 508-947-0850

www.kirschnerassociates.com

**PATTERSON-KELLEY
AMERIDEX PHX • WENDLAND TANK
RITE BOILERS • NATCO HEATERS
SECURITY CHIMNEYS**

SLOAN.
SLOAN VALVE COMPANY

Represented to ASPE by:

J.H. Pokorny Associates

phone: 781-762-2661

web: www.jhpokorny.net • e-mail: info@jhpokorny.net