



Next Meeting

***WEDNESDAY,
MARCH 9, 2016***

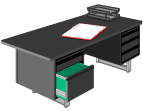
LANTANA, Randolph, MA

MARK YOUR CALENDARS!!!

***June Social - JUNE 16 6-8pm
NE Aquarium - West Wing Gallery***

WHAT'S IN THIS ISSUE

President's Report	2
Technical Report	3
Membership Report	4
Legislative Report	5
Next Meeting	6
Crossword	8
Calendar	Insert



President's Report

As usual Bob Littman did a great technical session on Nitrogen Generation systems. This was great because this is a topic I knew virtually nothing about.

Now I know there are two types of Nitrogen Generators, and depending on the quality of Nitrogen the project requires you select the appropriate unit or modules you need.

ASPE National has a new group called Woman of ASPE. You can visit www.ASPE.org/WOA to learn more about the group. If you have any woman plumbing designers or engineers in your office please forward along this information to them.

We are planning our June Social with the help of Jeff Gooding. Thank you Jeff. Save the date; New England Aquarium Thursday June 16, West Wing Gallery 6:00 to 8:00.

Is there anyone out there that would like to form an ASPE Code Committee? It would be cool if we the ASPE Code Committee could come up with some common sense code revisions or additions and present them to the Board of Plumbing Examiners as a group. If you are interested in getting involved email or call us.

See you all Wednesday March 9th.

Laurence D. Johnston CPD, President, Boston Chapter ASPE

2015 Technical Symposium St. Louis

Rethinking Water Heating

- Electric tankless 99% energy factor when in use
- Tankless water heater has long life span
- Endless hot water

With a tank type water heater the water is being heated and then cooling when not in use. The heating and cooling process is wasting energy. When it is in use the water temperature drops and it starts heating the cold water entering the tank, but not as fast as it's being used.

Tankless water heater requires much more power to heat the water, because it is only heating the water as it is being used. When the power used for tank type water heater and tankless water heater are averaged out, the tankless water heater actually uses less power even though it requires more power.

April 2015 National Appliance Energy Conservation Act as increased efficiency requirements. Thus increasing cost and actual size of tank type water heaters.

Tankless water heater approach is to run cold water distribution and provide tankless water heaters near fixtures.

In colder climates a central tank type water heater could heat the cold water up to 140 as it normally would then install a tankless water heater at the fixture. Eliminating the need to recirculate the system.

Tank and booster concept is, install a smaller tank and a tankless after the tank type water heater. The idea behind this is that a small tank type heater would waste less energy.

Tankless water heaters can save space if you have the power to operate them.

That's my take on this class.
Laurence D. Johnston

President

Laurence D. Johnston, CPD
Cosentini Associates
Tel: (617) - 748 - 7800
e-mail: ljohnston@cosentini-ma.com

V. P. Technical

Ed Nadeau
Vanderweil Engineers
Tel: (617) - 423 - 7423
e-mail: enadeau@vanderweil.com

V. P. Legislative

Luther Thevenin, CPD
Cosentini Associates, Inc.
Tel: (617) - 748 - 7800
e-mail: lthevenin@cosentini-ma.com

V. P. Membership

John Callahan, CPD
J. H. Pokorny Associates
Tel: (781) - 762 - 2661
e-mail: johnc@jhpokorny.net

Treasurer

Richard Pokorny
J. H. Pokorny Associates
Tel: (781) - 762 - 2661
e-mail: richp@jhpokorny.net

Administrative Secretary

Paul Jappe
Viega, LLC
Tel: (603) - 475 - 2445
e-mail: Paul.Jappe@viega.us

Corresponding Secretary

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

Education Chairman

Derek Sylvia, CPD, CET
TRO JB
Tel: (617) - 502 - 3546
Email: DSylvia@trojb.com

Affiliate Liaison

Jeff Gooding
David Gooding Inc.
Tel: (401) - 639 - 4419
email: jgooding@goodingd.com

ASPENEWS Editor

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

Board of Governors

Chairman

Kevin W. Lally, CET

Members

Rich Dean, CPD
Fredrick (Rick) Neth, EIT

PRACTICAL APPLICATIONS

ENGINEERING
BIODECONTAMINATION SYSTEMS
MWRA COMPLIANCE
OPERATIONS & MAINTENANCE

Practical Applications, Inc.
12 Channel Street
Boston, MA 02210
TEL: 617-423-5639 Fax 617-423-9341
www.pai-online.com

INDUSTRIAL WATER & WASTEWATER SYSTEMS

The only press fittings
in multiple materials

Paul Jappe
Technical Manager
603-475-2445

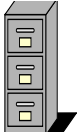
Rudi Tillmann
Sales Engineer
617-448-1890

www.viega.us
1-800-976-9819



The global leader
in plumbing, heating
and pipe joining systems

viega



Technical Report

February Meeting Wrap up

If you were not able to make the February meeting; we had a “special” guest, Cam Newton attempting to explain why he looked like a deer staring at head lights, when he fumbled during the super bowl. All kidding aside, this past month we welcomed Mr. Littman to our chapter’s monthly meeting at the Lantana in Randolph; in which Mr. Littman presented Nitrogen Generation for labs. Below is a list of some of the key points that Bob covered in his presentation:

- Nitrogen (N₂) is an inert gas that is colorless, odorless and tasteless
- Our bodies contain about 3% Nitrogen and the air we breathe consist of 78% Nitrogen.
- The majority of the world’s nitrogen gas supply is produced in a “Cryogenic Air Separation unit” (ASU).
- Liquid Nitrogen is produced by drawing air into a compressor, cleaned, dried and rapidly expanded through a system of coolers and heat exchangers until it becomes a liquid in a distillation column. The three gases that make up the atmospheric Nitrogen (N₂), Oxygen (O₂) and Argon (Ar) are removed as liquids at their differing boiling temperatures -297.4 F for oxygen, -302.6 F for Argon, and -320.33 F for nitrogen. This process is called cryogenic distillation which is expensive and requires a lot of energy.
- There are two methods to generate nitrogen gas; hollow fibre membrane and pressure swing adsorption (PSA).
 - * Membrane is used for application that require between 2% and 5% remaining oxygen concentrations. The common applications are chemical blanket and fire suppression.
 - * PSA is used when an application requires 1% to 10ppm remaining oxygen concentration. The common applications are, electronics, laser cutting, and the food and beverage industry.
 - * Membrane technology uses a bundles of hollow fibre contained within a tube. The fibre walls separate compressed air by diffusing oxygen and other waste gases to the atmosphere while retaining nitrogen and allowing it to pass through the center of the fibres to the application.
 - * PSA technology uses columns of carbon molecular sieve (CMS) to separate compressed air. Oxygen and other waste gases are selectively adsorbed under pressure by the CMS, allowing nitrogen to pass through. The CMS is regenerated by releasing the pressure in the columns and venting the waste gases to the atmosphere. The reason this technology is called pressure swing adsorption is because the operating pressure “swings” from 0 bar up to 7 bar.
- The pay back on a nitrogen generation system on average is 18 months; however this depends on whether a compressor is already on site and is sized appropriately and can handle the load. Typically the specifier would work with the vendor.

March Technical Topic and Meeting

The March technical topic will be on Gas Pressure Regulators and Gas Flow Control valves. This meeting will be held on Wednesday March 09, 2016 in Randolph, MA at The Lantana. The session will focus on:

Gas Pressure Regulation

- When regulation is required NFPA 54/ANSI Z223.1
- Appliance vs. Lock up type design
- ANSI Z21.18
- ANSI Z21.80 regulator standards
- 2,3,& 5 psi application requirements
- Vent limiting devices
- Application philosophy and theory
- Installation requirements for venting

Gas Flow Control and Safety shutoff

- System consideration
- Solenoid and motorized type valves
- Automatic & manual reset types designs
- Agency listing & approvals
- Valve sizing guidelines
- Control options
- Manual and emergency PB station
- Hazardous gas leak detection
- Riser pressure shutdown
- Communications and interface to BMS/ fire life safety
- Power outage and battery back-up requirements

This session will be presented by Jack Accardi Jr., currently the President and CEO of Accardi Companies, LLC. He has been involved in the gas services industry for over 40 years. During this time he has influenced and authored a number of industry and utility company codes and standards for the utilization of gas booster system in fuel fired combustion for HVAC, industrial process and power generation application. He has trained many professional engineers, designers, and service technicians on the proper application and service of both natural gas and manufactured gas products. He is also a certified instructor in the Practicing Institute of Engineering division of the New York State Society of Professional Engineers continuation education program.

Just a few reminders:

The April monthly meeting will be a joint meeting with the Greater Boston Plumbing Contractors Association (GBPCA). This meeting will be held on the third Thursday of the month (4/21/16) located at Lombardo’s Restaurant in Randolph. The technical topic will be Update and Discussion with the Plumbing Board.

The May monthly meeting will be held on the second Tuesday of the month (5/10/16) located at The Chateau in North Andover. The technical topic will be on Solvents.

* Please note these topics are subject to change. For a more up-to-date schedule please refer to our monthly newsletter and the website. <http://www.aspebostonchapter.org/>

Best Regards, Ed Nadeau, VP Technical, ASPE Boston Chapter



Membership News

New Boston Chapter Members

The Boston Chapter ASPE would like to welcome the following 6 new members:

Jens Meinig	Tighe & Bond	Full Member
Finn Chappell	RW Sullivan	Associate Member
Joseph Screnci	Cash Acme	Affiliate Member
Luis Moreno, G.E.	Symmes Maini McGee	Full Member
Antonio Giacalone, P.E.	TRO/Jung Brannan	Associate Member
Michael Zoccolante, G.E.		Associate Member

Pending Renewal List

Members about to be dropped

Kailash Jain
Melville J. Mossman P.E.
Frederick S. Neth EIT

Pending March Renewals

Jonathan Boie
Mark Brady
Kien Diep
John Dodge
John Kitsalis, P.E.
William Lentz, G.E.
James Nadeau, CPD
Robert Nesselle
Peter Rogers, P.E.
Derek Sylvia, CPD, CET
Paul Taylor III CET, CPD
Luther Thevenin, CPD
Joseph Vela, CPD
Shane Wise, CPD

Upcoming April Renewals

Thomas P. Bowman P.E.
Thomas W. Bryant
Gilbert Castera P.E.
Joseph Roy Cinco
Robert E. Handschiegl Jr.
Laurence D. Johnston CPD
Michael F. Kessler P.E, LEED AP, CPD
Philippe Lauture
Alfred J. Melchionda P.E.
Saro Minassian P.E.
John O'Neill P.E.
Samoundisvary Oumabady
John H. Pokorny
Andrew Powers
Patrick Shea
Frederick M. Thomas
Robert Wilkinson P.E.
Gregory B. Wozny P.E.

By John Callahan, CPD, V. P. Membership, Boston Chapter ASPE



ASPE wants you back.

Special Membership Deal for Past ASPE Members

Are you a past member of ASPE?
Well we want you back!

ASPE is offering a cost-savings membership program to help past members reinstate their ASPE membership.*

To take advantage of our "We want you back!" offer, call 847.296.0002 x227 or e-mail skidd@aspe.org for more details.

Hurry, this promotion ends soon!

*This one-time opportunity cannot be combined with any other membership promotional offering, transferred, or used at a later time. Promotion is only valid for memberships that expired prior to 2015.

See What You've Missed

ASPE has been actively developing programs and services that will help you elevate your career status and give you the knowledge, tools, and resources to become a leader in the industry, including:

- ◆ An online plumbing system design certificate program with UCLA Extension
- ◆ An associate degree curriculum and certification program for plumbing design technicians
- ◆ American National Standards on rainwater harvesting and siphonic roof drainage
- ◆ ASPE/IAPMO roof drain and Hunter's curve research
- ◆ The new Green Plumbing Design certificate program
- ◆ ASPE Tables Book mobile app
- ◆ ASPE Young Professionals special-interest group
- ◆ Regional workshops on plumbing system design techniques





Legislative Report

The State Board of Examiners for Plumbers and Gasfitters is currently working on some proposed changes to the 248 CMR Plumbing Codes. **(No dates have been released on when the board will vote to accept the proposed changes.)**

The followings are a summary of some of the proposed code changes:

Section 10.02: Basic Principles

Principle No. 1 -- All Occupied Premises Must Have Potable Water: Proposed wording change "habitable buildings" in place of current wording ("premises intended for human habitation, occupancy, or use")

Section 10.06: Materials

Sub-paragraph 2 will be deleted in its entirety. All Standard Reference numbers will be deleted.

Product-Approval: The wording Product-Approval will be deleted throughout the entire 248 CMR and will be replaced with "Product-Accepted".

We will keep you all posted on other proposed code changes as they become available.

Section 10.09 Interceptors, Separators and Holding Tanks: sub-paragraph (1)(b) will be revised in its entirety to include Proposal for new Requirements and Exceptions for Separation or containment of gas, oil and other petroleum distillates. The Proposal would require MA Water Resources approval of all Separation or containment of gas, oil and other petroleum distillates.

Section 10.10 Plumbing Fixtures:

(18) Minimum Facilities for Building Occupancy Other Than Residential. Sub-paragraph (r) will be add to read the following: Use of Gender neutral toilet rooms. For purposes of the minimum fixture requirements of 248 CMR, wherever the code requires two or more toilet fixtures designated by gender, those facilities may be replaced with single use Gender-neutral toilet rooms pursuant to one of the following options:

1. Every gender designated toilet fixture is replaced with an equal number of single use gender-neutral toilet rooms (such that there are no gender designated fixtures); or
2. Where the code requires four or more toilet fixtures combined for males and females, gender designated fixtures may be replaced by single use Gender-neutral toilet rooms in increments of two such that for every male designated fixture replaced by a Gender-neutral toilet room, a female designated fixture must also be replaced by a Gender-neutral toilet room, and vice-versa (e.g. instead of three men's toilets, four female toilets, there may be installed two men's toilets, three female toilets, and two single use Gender-neutral toilet rooms).

Luther Thevenin, CPD, VP Legislative

URELL



Building Partnerships that Work

<u>Piping/Valves</u>	<u>Fixtures</u>	<u>Water Heating</u>	<u>Pumping Systems</u>
ApolloXpress	American Standard	American	ACT D'Mand
ApolloBackflo	Aquatic	AO Smith	Grundfos Boosters
Circuit Solver	DXV	John Wood	Grundfos Circulators
Uponor	Grohe	STATE	PACO Pumps
Wardflex	Steamist	Takagi	Zoeller Sump/Swg

info@urell.com 617-923-9500 www.urell.com



Proud to Represent



173 Spark Street, Brockton, MA 02302
Phone: 508-894-2000 | Fax: 508-894-2001
Inside@goodingd.com | www.goodingd.com
Inside@goodingd.com | www.goodingd.com



Manufacturers' Representative

Tower Hill Sales Associates, Inc.
Servicing New England Since 1992

American Valve • Anaco/Husky • Elbi • Kingspan Solar/Rainwater
Lawler Manufacturing • PVI Industries • Proceptor • ProVent Systems
Riverside Hydronics • SIME • Speakman Company • T-Drill • Thermo
Manufacturing • TracPipe • Tyler Pipe • Willoughby Industries

800-542-5554 • sales@towerhillsales.com • www.towerhillsales.com



KIMAX® Glass Drain and Vent Systems

- Low volatile organic compounds (VOCs)
- Will not burn or emit toxic fumes
- Maximum corrosion resistance
- Flexibility, adaptability, modularity
- Safe and simple installation
- Lowest life-cycle costs

Territory Distributor
K Ross Company
(781) 422-2273
sales@krossco.com

SCHOTT North America, Inc.
info.drainintheus.schott.com
www.us.schott.com/drainline

SCHOTT
glass made of ideas

Next Meeting

WEDNESDAY, MARCH 9th, 2016

The Lantana, Randolph, MA

MAIN PROGRAM

Gas Pressure Regulators & Gas Flow Control Valves

SPEAKER

Mr. Jack Accardi Jr
From Accardi Companies,

PROGRAM SCHEDULE

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

MENU

Creamy Clam Chowder
Chicken Nichole
German Chocolate Cake

MEETING RESERVATIONS

\$20.00 ONLINE Reservation

(Please use the electronic invitation sent to you)

\$35.00 W/O Reservation

Retired & Currently Unemployed Members Free

Please reserve by **Friday, March 4, 2016**

The Fire Pump Testing Company

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

Tel: (617) 971-0700
Fax: (617) 524-7171
Cell: (617) 592-4236

11 Varney Street
Boston, MA 02130-4109
Thomas Duross CPD

http://www.thefirepumptestingcompany.com
Email: tom@thefirepumptestingcompany.com
Member: ASPE, NFPA, AFSA, FCCCHR, BBB

All Sloan Faucets are Lead-Free

Engineers know when they specify sensor faucets from Sloan, they are specifying lead-free. Sloan faucets meet all commercial lead-free needs by meeting the following codes:

- Section 116875 of the California Health & Safety Code
- NSF/ANSI 372-2011
- Vermont Lead Reduction Law (Vermont Act 193)
- Federal Lead Plumbing Law (U.S. Senate Bill No. S.3874)

Any Application. Any Environment.
www.sloanvalve.com

J.H. Pokorny Assoc.
781-762-2661



Smart Just Got Smarter

*RL Stone

RL Stone Company Inc.
Toll Free: (888) 404-8882
Fax: (315) 479-5402
www.rl-stone.com



Learn more at:
armstronginternational.com/brain



Robert N. Littman
Vice President

6 Norfolk Avenue, South Easton, MA 02375
© (508) 230-9445 Fax (508) 230-9446
Cell (617) 921-1017
rlittman@airenergy.com



- Air Compressors
- Vacuum Pumps & Systems
- Air Treatment Products
- Sales/Service/Rentals
- Dryers • Filters
- 24-Hour Service

Web: www.airenergy.com



Joe Myers
 Regional Manager
 603-223-0107 – Direct
 603-223-0108 – Direct Fax
 603-496-9031 – Cell Phone
 jmyers@milwaukeevalve.com



Milwaukee Valve Company
 16550 West Stratton Drive
 New Berlin, WI 53151
 262-432-2800 – Phone
 262-432-2701 – Fax
 www.milwaukeevalve.com



Piping. Systems. Solutions.

New England Engineering Specialist
Kevin Doty • 484-523-8909
 kevin.doty@victaulic.com

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



WE KNOW PLUMBING.

And we have the extensive product line to prove it.

T&S offers a vast selection of high-quality products that meet required codes and compliances. And with a companywide commitment to staying at the forefront of today's evolving industry, it's no wonder engineers everywhere rely on T&S.

T&S

www.tsbrass.com
 800.476.4103

Represented in Boston by Specification Sales - 781-396-0842

LEONARD
 WATER TEMPERATURE CONTROLS

Leonard Valve Company
 1360 Elmwood Avenue
 Cranston, RI 02910
 Ph (800) 222-1208
 Fax (401) 941-5310
 www.leonardvalve.com




JHP
 J.H. Pokorny Associates

JH Pokorny Associates
 1502 Providence Hwy
 Norwood, MA 02062
 Ph (781) 762-2661
 Fax (781) 762-5949
 www.jhpokorny.net



Leonard... "The Right Mix" for your tempering needs....including lead free mixing valves.



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



POWERS™ IntelliStation™

Digital Water Mixing System

Contact: Emerson Swan
 781-986-2000

ACCARDI COMPANIES

65 YEARS OF UNPARALLELED EXPERIENCE AND EXPERTISE IN THE DESIGN AND FABRICATION OF COMMERCIAL AND INDUSTRIAL NATURAL GAS FUEL DELIVERY SYSTEMS:

- SAFETY SHUTOFF
- PRESSURE BOOSTING
- FLOW CONTROL/ METERING
- PRESSURE REGULATION

JACK ACCARDI JR.
 (617) 379-0900 · JACCARDI@ACCARDICOMPANIES.COM
 www.accardicompanies.com

ECLIPSE

INDUSTRIES SERVED:

- OFFICE BUILDINGS
- LAUNDRIES
- SCHOOLS
- SPORTS COMPLEXES
- HOSPITALS
- RESTAURANTS
- MULTI-FAMILY APARTMENTS



REGULATORS METERING SAFETY SHUTOFF BOOSTERS CHECK VALVE

APPROVED FOR INSTALLATION BY NYC DOB, CON EDISON, NATIONAL GRID AND MASSACHUSETTS PLUMBING BOARD.

www.accardicompanies.com (617) 379-0900

Quantum Engineering, Inc.

Nancy K. Bonnetti
Medical Gas Specialist

121 Camelot Drive, Unit 4
Plymouth, MA 02360
Office: 508.747.6800
Fax: 508.747.6803
Cell: 781.389.2060
nbonnetti@quanteng.com

An authorized representative for:



Guardian

EMERGENCY EYEWASH & SHOWER TECHNOLOGY

Represented by
J.H. Pokorny Assoc., LLC

781-762-2661
www.jhpokorny.net



Lubrizol



Mark Lemire
Piping Systems Consultant
P: 603-738-3101
F: 603-934-3360
E: mark.lemire@lubrizol.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



Anvil
Armstrong
Cambridge Lee
Endot
Fernco
Gruvlock
Hansgrohe
HeatFab

Heat-Flo
Ideal
Jacuzzi
Lyall
Myson
Navien
NIBCO
NA Pipe Corp.

Panasonic
Recor
Roof Top Blox
Vilco/Superior Tanks
TOTO
TPI
Tundra

Phone: 508-894-2000

www.goodingd.com



Gustavo Preston Company
Chelmsford, MA
978-250-3333

www.gustavopreston.com

Engineered Fluid Handling Equipment

Domestic Water Boosters
Waste Water Pumps
Water Heaters
Fire Pumps
Pump Repair

SALES ♦ DESIGN ♦ SERVICE

Index of Paid Advertisers

Accardi	7	K Ross Co.	8	SCHOTT	4
Air Energy	6	Kirschner Associates, Inc.	9	Sloan Valve Company	6
David Gooding	9	Leonard Valve	7	T & S Brass	7
Emerson Swan	7	Lubrizol Advanced Materials, Inc.	9	Toto	10
Environmental Air Specialties	10	Milwaukee Valve	7	Tower Hill Sales	4
Fire Pump Testing Company	10	Navien	5	Urell	5
Gourley	8	New England Combustion Products	10	Victaulic	7
Guardian Equipment	9	Practical Applications, Inc.	2	Viega	2
Gustavo Preston	9	Quantum Engineering, Inc.	9	W.P. Haney / Watts	7
J. H. Pokorny Associates	8	RL Stone Co. New England	6	Walter F. Morris	6

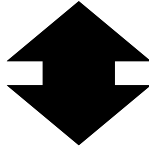
From:

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



Boston Chapter - AMERICAN SOCIETY OF PLUMBING ENGINEERS

**Next
Event**



**WEDNESDAY
9th
MARCH**

Send to:



FIRST CLASS MAIL

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
T: 508.839.6157 F: 508.839.4431
W: www.easne.com
Maurice Brodeur - Sales/Engineering
C: 508.958.6346 E: mbrodeur@easne.com

**Standard UL-Listed & Custom Natural Gas
Boosters & GasCube® Skid Packages Featuring:**

- Standard Boost Pressures to 83" WC/
Volumes to 240,000 CFH (Higher Available)
- Simplex & Duplex Designs
- Pre-Engineered, Pre-Piped, Factory
Tested
- Smallest Footprint in the Industry
- Innovative Design Cools Motor &
Extends its Life



Spencer
www.spencerturbine.com



781 337 8888 www.necombustion.com



Instantaneous, Tankless
Hot Water Heaters.
Cycle-Proof, Scale-Free
Expandable 316L
Floating HE.



RBI Heaters &
Boilers, one of the
MESTEK product
lines.



Customized packaged
pump systems, Touch
Screen Controls, 304SS
Header & Frame.



Proud to Represent

TOTO®

173 Spark Street, Brockton, MA 02302
Phone: 508-894-2000 | Fax: 508-894-2001
Inside@goodingd.com | www.goodingd.com