

BAY STATE UPDATE



**BAY STATE
SCHOOL OF
TECHNOLOGY**

June 2009 Vol. 13 No. 2

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BAY STATE UPDATE

Vol. 13 No. 1 THE NEWSLETTER OF BAY STATE SCHOOL OF APPLIANCES Aug. 1987

WELCOME TO THE FIRST ISSUE OF BAY STATE UPDATE

It's here at last!! You may have heard rumors, even accidents yet have seen nothing. Well, the time has finally come. HERE IT IS and it's four years old. BAY STATE UPDATE is Bay State's official "voice" to date about happenings here at the school, with your fellow technicians, and within the industry. Its regular format is designed to serve you and keep in contact with you. Keep your eyes open, because you might even see your name in lights (or at least in print). We welcome your suggestions and input.

FROM THE DIRECTOR

BSSA had its Precursor, 1987 BSSA THE BIRTH OF Bay State School of Appliances' 5th year of training students in the field of Air Conditioning/Refrigeration and Heat Appliances. From humble beginnings in 1983 when the first-year graduates numbered approximately 50, BSSA has grown considerably. The anticipated number of graduates for 1987 is expected to be 120. In order to keep pace with that growth, the number of faculty and staff has increased from just 5 in 1983 to 19 at present. The industry continues to exhibit signs of growth, having absorbed BSSA graduates into employment at a steady pace, particularly from potential employers

have continued to come in, indicating the ongoing need for qualified technicians in the field. The addition of a full-time Director of Student Services now enables graduates to more fully realize their employment/placement opportunities.

Future Outlook The mood here at BSSA is an optimistic one as we look toward the future. Training techniques are constantly being upgraded by utilizing new information gathered from industry sources such as major manufacturers and service organizations, as well as our own graduates. Incorporating also the wealth of information available through our staff of instructors, most who are currently active in the field. In addition, a commercial air conditioning and refrigeration course is scheduled to be added to the current program of studies in the not too distant future. This will allow new students as well as past graduates to broaden their scope of knowledge and their career opportunities. Such positive measures will continue to make BSSA graduates a desired commodity in a growing industry.

MESSAGE TO GRADUATES

As the Director of BSSA, I have thoroughly enjoyed my involvement with the careers of our students. It has been very rewarding to me to have graduates who have entered the field of Air Conditioning/Refrigeration and Major Appliances tell me about their careers and their future outlook. I am continuously hearing back from

NEWSLETTER HISTORY

The Bay State Update that you're reading now has a long history, going back 22 years. The first edition was published in August of 1987, and was edited by former Director of Administration Kevin Hallinan.

The newsletter was then, and continues to be today, an informal but informative publication devoted to keeping students, graduates and employers up to date about what's going on at Bay State Tech. ■

Freon Recovery Certification

Many people have been asking the question: "Just who needs to have Freon Certification these days?"

Here's the answer right from the EPA:

Technician Certification

EPA has established a technician certification program for persons ("technicians") who perform maintenance, service, repair, or disposal that could be reasonably expected to release refrigerants into the atmosphere. The definition of "technician" specifically includes and excludes certain activities as follows:

Included:

- attaching and detaching hoses and gauges to and from the appliance to measure pressure within the appliance;
- adding refrigerant to (for example "topping-off") or removing refrigerant from the appliance
- any other activity that violates the integrity of the MVAC-like appliances and small appliances.

In addition, apprentices are exempt from certification requirements provided the apprentice

is closely and continuously supervised by a certified technician.

The Agency has developed four types of certification:

1. For servicing small appliances (Type I).
2. For servicing or disposing of high- or very high-pressure appliances, except small appliances and MVACs (Type II).
3. For servicing or disposing of low-pressure appliances (Type III).
4. For servicing all types of equipment (Universal).

Technicians are required to pass an EPA-approved test given by an EPA-approved certifying organization to become certified under the mandatory program.

Upcoming Freon Seminars

Bay State has offered Freon Recovery Certification since it was first required, and continues to offer it on a regular basis. Our upcoming Freon Seminars will be held on:



Continued on page 2

GRADUATE PROFILE: *Michael Ameen,* *Legal Sea Foods*



Mike grew up in Quincy, MA, and went to both Quincy Voc-Tech and Weymouth High School before graduating in 1991. After high school, Mike joined the Navy at the age of 17 and was sent to Pearl Harbor, Hawaii for 6 years of service on a Destroyer. He also was assigned to Groton, Connecticut, where there is a major East Coast Submarine Base. After the Navy, Michael tried a number

of different jobs: roofing, road paving, siding installation, moving rail cars in a ground crew, cryogenic pump maintenance and more. He also worked for a fiber optic extruder company, but he was not happy and wanted to have a career with a future. He knew he liked working with his hands and enjoyed his Navy experience working on the air conditioning aboard ship.

After Mike's father passed away, he moved back to the

Boston area and decided he needed training to make a career change. He looked into a number of career fields, but was very interested in HVACR. While visiting his Veteran Representative at the Quincy Career Center, Michael saw a brochure from Bay State School of Technology, and knew immediately what he wanted to do. He left there and came directly to Bay State, where he had a tour, and got a lot of questions answered. He started his program a month later.

Although Michael felt that the curriculum was fast-paced, he never felt like he was lagging behind or running ahead. He thought he had the best instructors, and says "Joe Stevens beat Ohms Law into my head so that I will be reciting Ohms Law on my death bed. Mary was awesome covering all the basics of what he would need to know out in the field including the Funk and Wagnall Encyclopedia. Jerry got me headed in the right direction. Big Irv topped it off with driving it home with schematics – high side – low side – pressures – you name it he went over it. He made sure you knew all the information. So when you left here you were confident that you could read a schematic, use a little common sense and that your training will get you through any situation."

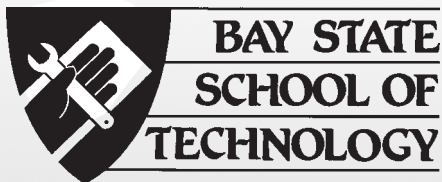
Mike is employed at Legal Sea Foods in South Boston working on a variety of equipment, ranging from kitchen appliances to large commercial refrigerators, including sinks, garbage disposals, roof tops units, food machines, refrigeration, air conditioning, walk-ins, and freezers, and he's using everything he learned at Bay State School of Technology. Michael believes "If you can read a schematic, you can repair any machine."

Mike loves every aspect of his job because every day is different. He feels that without the training he received at Bay State, Legal Sea Foods would not have hired him, even with all his maintenance experience in the Navy. "I can't say enough about how happy and grateful I am to Bay State School of Technology. I was there everyday to learn as much as possible. Every aspect of what goes on at Bay State School of Technology is a microcosm of what goes on in the real world in the HVACR field. You get out of the program what you put into it." Mike put 150% into his training and got 200% back. We wish Mike all the best in his new career. ■

... *Freon Seminars* *Continued from page 1*

August 4, 2009 • September 22, 2009 • December 2, 2009
December 30, 2009 • March 16, 2010 • April 14, 2010.

The cost for the seminar is only \$200.00 per person. Onsite training in your shop is also available as well. Please call Linda Lord at 888-828-3434, ext. 119 to make your reservations today. ■



Bay State Update is a quarterly publication of Bay State School of Technology intended to inform its readers about current happenings both at the School and in the field. For further information, and for complimentary copies, contact the office.

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*Passing:***Robert
Cirignano, Jr**

We sadly note the passing of former Bay State Instructor Robert Cirignano, Jr., of Braintree. Bob was a generalist in the best possible way, and wore many hats – sailor and Vietnam War Veteran, HVACR Instructor, A/C Foreman, Business Owner and Real Estate Broker. He taught HVACR at Bay State, and also at Wentworth Institute in Boston. He worked for the MBTA as a foreman working on air conditioning units.

Our thoughts and prayers go out to his wife Kathleen and the rest of his family. ■

Who Invented The Clothes Dryer?

A French inventor named Pochon is generally credited with making the first mechanical dryer, which con-



sisted of a barrel which was rotated above a fire to dry clothes. Since that time, dryers have become more sophisticated, not to say generally safer. American inventor George Sampson was granted a patent for his clothes dryer, which involved a rack for holding clothes and was heated by a stove. The first electric clothes dryers were introduced around 1915, although no one specific is credited with the invention.

The “traditional” tumbling clothes dryer is still the most prevalent, using both electricity and gas as heat sources. There are also condensation dryers, heat pump dryers, mechanical steam compression dryers, hydronics dryers, dehumidifier dryers, convectant dryers and solar dryers. We’ve come a long way from clothes line and clothes pins. ■

EQUIPMENT NEEDED

Bay State is in need of equipment to be used in training, and specifically has need of:

- Room Air Conditioners
- Direct-Drive Washers and
- Gas Dryers

We could also use 3/4 h.p. semi-hermetic compressors for our Commercial HVACR classes. If you have any equipment you’d like to donate, please contact Ralph Harriman, Director of Education, at 781-828-3434. ■

**Sign Up
for E-mail
Updates**

At some point in the near future we are going to start to deliver our quarterly newsletter by e-mail. If you would be interested in receiving e-mail news from Bay State, please visit our website at: www.baystatetech.org and sign on to our mailing list.

We promise that we will not share your information under any circumstances, and that it will be kept private and confidential at all times. ■



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Where Are Our Grads Now?

GRADUATE

Jean Monestime
Ronald Oeur
Renel Tarte
Luis Burgos
Joseph Rendine
Salvatore DeAngelo
Chris Brito
Kenneth Miller
Nathan Chaplin
John Foret

EMPLOYED AT

RJ Monestime HVAC – *Service Technician*
Superwash Laundromat – *Service Technician*
Holiday Inn – *Maintenance Technician*
Lambco Appliance – *Service Technician*
J’s Broadway Appliance – *Service Technician*
Peter De’s Appliance – *Service Technician*
Fresenius Medical – *IT Technician*
Marlees Seafood – *Maintenance Mechanic*
Chaplin Heating & AC – *Service Technician*
Massasoit Community College - *IT Technician*

Roberto Salguero
Tom Rossier
Silvestre Veiga
Jorge Santana
Ryan Brennan
Mark Matthews
Nathan Gomes
Joao Lopes
Rodney Benbow
Michael Ameen
Matthew Brodeur

JC Refrigeration – *HVAC Technician*
Hallsmith Sysco – *Maintenance Mechanic*
Electrochem – *Electronics Technician*
Lenox Martell – *Service Technician*
Rinfret’s Appliance – *Service Technician*
Automatic Laundry – *Service Technician*
Rinfret’s Appliance – *Service Technician*
IKEA – *IT Technician*
Sear’s – *Service Technician*
Legal Seafood – *Maintenance Mechanic*
Lightning Service Inc. – *Maintenance Mechanic*

Congratulations to all!

Upcoming Class Schedule

CURRENTLY ENROLLING FOR:

FULL-TIME DAYS	STARTING DATE:
Major Appliances/Basic Electricity	September 1, 2009
Domestic Refrigeration & Air Conditioning	September 1, 2009
Commercial HVACR	September 1, 2009
Digital Age Technology	September 1, 2009

Full-time day classes are scheduled Tuesday through Thursday from 7:00 AM to 3:00 PM.

PART-TIME EVENINGS	STARTING DATE:
Major Appliances/Basic Electricity	September 1, 2009
Domestic Refrigeration & Air Conditioning	September 1, 2009
Commercial HVACR	September 1, 2009
Digital Age Technology	September 1, 2009

Part-time evening classes are scheduled Tuesday, Wednesday, and Thursday evenings from 5:30 to 10:30 PM.

For more information on classes and start dates, contact the Admissions Office at 888-828-3434, toll free. ■

TECH TIPS from Ralph Harriman

Do you have a high efficiency washer (HE)?

Are you using HE detergent? Are you aware that using regular detergent can have a detrimental effect if used in HE washers?

You may see problems such as oversudsing, which can cause cleaning problems by not allowing soil and stains to be removed with the rinse water. There may be

other problems such as overflowing of water or suds are a possibility. Excessive sudsing can cause residue buildup and eventually result in odors or in some cases can actually cause a malfunction or even damage to your HE washer **which will NOT be covered by your warranty.**

Be sure to follow manufacturer’s instructions as printed in your Use and Care Manual. ■