January 2013

Join us for a tour of the truly unique Stata Bldg at the MIT campus then
Join us at the MIT Faculty club for a presentation from Dan Potter and Lee Bar-
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ed ‘702 epoxy and lining process, and operates under two SilverLining drain
lining patents and seventeen industry-related patents. Epoxy lining restoration
of plumbing, structural pipe, and mechanical systems is a non-invasive process
that uses epoxy to coat the inside walls of pipes without destruction to interior
or exterior surfaces of building structures, hardscape, or landscape. Epoxy lin-
ing is used not only as a permanent solution to prevent corrosion and leaks,
but is commonly used as a preventive tool to preserve the life of existing pip-
ing systems

January Chapter Meeting
and Tour
MIT Stata Building & Faculty Club
5:30pm
50 Memorial Drive, Cambridge

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Meeting Logistics

Meeting Costs is $35.00 members $45.00 non members Walk ins and guests

You can sign up and Pay Online using our web portal

Click Here

To Get to:

Please arrive at MIT at 5:00pm, Park nearby the faculty club and proceed over to the Stata Bldg. We will take a tour of the facility. We will try to get back to the faculty club around 6:30pm dinner will be served at 7:00pm with the technical presentation by silver lining to start at 7:45pm

To Get to: MIT Faculty Club 50 Memorial Drive Cambridge, MA

5. Keep left at the fork, follow signs for Massachusetts 3 N/Massachusetts 28 S/ Storrow Drive and merge onto MA-3 N

6. Take the Massachusetts 3 N ramp on the left to Government Center/Kendall Square

7. Keep right at the fork to continue toward MA-3 N/Longfellow Bridge

8. Keep right at the fork, follow signs for Cambridge/Memorial Drive/Massachusetts 3 N and merge onto MA-3 N/Longfellow Bridge

9. Turn right onto the ramp to Edwin H Land Blvd

10. Turn right onto Edwin H Land Blvd

11. Continue onto Memorial Dr Destination will be on the right
Ray and Maria Stata Center
for Computer, Information, and Intelligence Sciences

Architect
Gehry Partners, LLP

Completed
2004

Scope
430,000 gsf plus 290,000 gsf underground garage
design features
flexible research facilities
classrooms
large auditorium
social areas along the interior "student street"
fitness facilities
childcare center
sustainable design elements
innovative storm water retention and management system that employs biofiltration and which services several of the surrounding buildings as well as the Stata Center.
irrigation system connected to central weather station—system uses weather data to control water flow, identify leaks, and cut off water flow
light pollution reduction
extensive use of displacement ventilation utilizing a raised floor system
monitoring and controlling CO levels in garage through a demand controlled ventilation system
minimizing refrigerants and eliminating Halon, a fire retardant, in the building
operable windows for natural ventilation and individual control, and which provide an abundant use of daylight in all interior spaces
landscape design for Northeast Sector that uses native vegetation and water-efficient design
roof design that incorporates landscaping for shading and storm water retention and a white reflective surface to reduce heat island effect
construction waste management plan by contractor to recycle construction waste, which, for example, achieved a near 100 percent recycling rate for the demolition of the garage
recycled timbers from Building 20 for flooring
Awards
2005 Grand Award for Engineering Excellence
American Council of Engineering Companies
2005 Gold Award for Sustainable Site Design
American Council of Engineering Companies of Massachusetts

MITs Stata Center is a 430,000 square foot complex with an additional 290,000 square foot garage underground completed in 2004. The center incorporates flexible research facilities, classrooms, social areas, fitness center and child care. It has won many awards for its innovative and sustainable design elements such as innovative storm water retention and management system, irrigation that is connected to a weather station that uses weather data to control water flow, displacement ventilation utilizing a raised floor system, landscaped roof for shading and energy reduction to name a few. The Stata center is now the home to MITs Computer Science and Artificial Intelligence Laboratory, the Laboratory for Information and Decision Systems and the Department of Linguistics and Philosophy.
AFE Chapter 33 Golf Outing
6th Annual Golf Tournament * * Four Man Scramble

June 3rd 2013
Ferncroft Country Club
10 Village Road Middleton, MA
To Benefit Chapter 33 and the Leo J, Monty Scholarship Fund

Join Chapter 33 for our 6th annual golf outing at the Ferncroft Country Club. Registration starts at 0700am with a shotgun start at 0800am.

Golf Registration: Sign me up for...

- Platinum Sponsor $2000 (Own your own hole & Foursome, 12 month website recognition)
- Gold Sponsor $1000 (Two Sponsorship Signs & Two golfers, 6 month website recognition)
- Breakfast Sponsor $750
- Beer Cart Sponsor $500 (First come first serve)
- 4 Hole Sponsorship $375
- Single Hole Sponsorship $100

PLEASE GO TO OUR WEBSITE TO SIGN UP YOURSELF OR YOUR TEAM
http://www.afechapter33.org
Chapter 33,

As we embark on this New Year of 2013 many of us reflect on the past year and make resolutions to help us grow and achieve more in the upcoming year. One aspect of our lives that most of us assess is our professional life and career. How can we improve, advance and get more satisfaction from our chosen profession or do we change careers. There are courses one can take, certifications and training to pursue and something we often overlook and that is the resources and networking through professional associations like AFE. This year we have an exciting schedule of tours, speakers and events planned starting with this month's tour of the funky looking Stata Building at MIT. If you get any architectural magazines you have no doubt seen this building mentioned for its unique design. Our technical presentation after the tour will introduce you to a new technology that may help solve many issues in your facility. With most of our tours this year we hope to have a technical presentation and CEUs offered for attending. The available CEUs for a presentation will be listed with the announcement.

Our Chapter Board has already started working on our Golf Outing and membership event in September and our scholarship committee is receiving applications for scholarships which will be issued this spring. In short we are off to a busy start and hope to see you at these events. This year we will be welcoming AFE Chapter 37 members which will further the synergy and energy of our programs. I look forward to seeing you all on the 24th of January.

Alan Ouellet

Alan Ouellet

Chapter 33- President
President: Presides at all meetings of the Chapter, Board, and Executive Committee; appoints all committees; is responsible to the chapter members for efficient and effective conduct of chapter affairs.

Vice President: In the absence of the President, presides at all meetings. Reports to chapter president, chairs the program committee, and as such shall be responsible for the program of all meetings, chairs chapter membership committee and coordinates membership retention and new membership activities with regional membership chairman. Additional duties are as assigned by the president.

Secretary: Responsible for official meeting minutes; chapter records, chapter communications and related activities.

Treasurer: Keeps an accurate record of all receipts and disbursements; submits yearly financial report to AFE Headquarters; makes payments with approval of the Executive Committee; submits reports at each chapter meeting or otherwise as directed by the President; prepares annual budget. Secretary and Treasurer Positions may be combined into one Secretary/Treasurer position.

Immediate Past President: Chairs the Nominating Committee, serves as advisor to the President.

Directors: The duties of the directors are as defined by the President, with the approval of the Board.
AFE Certification recognizes the highest degree of personal and professional advancement. That’s why it is essential to maintain your CPMM, CPE or CPS throughout your career.

AFE Certification is valid for three (3) years. To maintain this respected designation, applicants must achieve a minimum number of Continuing Education Units (CEU’s) from ongoing involvement in the field, continuing education and professional activities. The recertification requirements for each program are listed Above:

To renew your AFE certification, applicants should complete the Application for Recertification and return it with the filing fee to the Association for Facilities Engineering. Please include the courses, presentations or other professional activities completed. The Recertification Application is available both in Microsoft Word® format as an electronic form you can complete electronically or as a .pdf form that can be downloaded and filled in. Recertification applicants must submit their paperwork before their recertification date; there is no grace period for recertification. Individuals who submit their applications after the expiration of their certificates will be assessed a late fee.

To renew your AFE certification, please contact the AFE Certification Department at (571) 203-7239 if you are unsure of your recertification date.
Register for **AFE’s Region 8- New England**

Certified Plant Maintenance Manager, *(CPMM)*
Review Course – **May 8, 9 & 10th, 2013**

**Region-8** is now offering a **$400 Savings** off the regular cost of an AFE CPMM Review class!

Are you an experienced, working maintenance professional ready to make 2013 the year you get ahead by earning certification in the maintenance field, but you don’t have much spare time? **AFE Region 8** can help!

We will conduct the AFE Certified Plant Maintenance Manager course in two (8) hour review classes and on the third day conduct the (2) hour Tutorial and a (4) hour (200) question *Open Book* exam based entirely on the AFE CPMM Review Pack.

The course covers the following:

- Preventive Maintenance and Reliability Centered Maintenance, *(RCM)*
- Predictive Maintenance, *(infrared, Ultrasonic, Vibration & Chemical Analysis)*
- Work Flow-Planning and Scheduling, Safety and Inventory Control Strategies
- Computerized Maintenance Management Systems, *(CMMS)*
- Return on Investment, *(ROI)* & Life Cycle Cost, *(LCC)*
- Indoor Air Quality, *(IAQ)* Documentation & Total Productive Maintenance, *(TPM)*

You will have all the necessary materials and opportunities to ask questions. Upon successful completion you will join the ranks of AFE’s fastest-growing certification program as a CPMM.

**Cost of the Review Class is $995.00 (Members) $1,395.00 (Non-Members)**
This Includes the CPMM Review Pack with Power Point Classroom Instruction covering all 13 Chapters and all Application and Registration Fees...

Payments – [click here](#) to Sign up online or visit [www.afe8.org](http://www.afe8.org). Please send check payable to: AFE Region 8 Mail to: Tony Chiarelli c/o AFE Region-8* 213 West St.* Milford, MA 01757

Any questions please contact the Region-8 CPMM Instructor **Steve Nicholas** @ Work - 978-682-9993  
**Cell** - 978-265-1702 or Email:  snicholas@airnns.com for more detailed information

**Review Class will be Held Wednesday, May 8th, and Thursday the 9th @ 8AM –5PM.**  
**Exam on: Friday, May 10th ... Tutorial 8 AM–10 AM Open Book Exam to follow @ 10:00-2:00 PM**

**Location:** Reservoir Place, 1601 Trapelo Road, Waltham, MA. Course will be held in the Padanaram Room which is located on the first floor of Reservoir Place and is located just outside the Café.

**Directions:** From Route 128 traveling north, take exit 28B, pass over Route 128 and take a right into the property entrance. Take your first right and travel in front of the building and enter 1601 Trapelo Road through the main entrance found under the clock tower. Pass the concierge desk and continue straight down the corridor to the elevators. **Free Parking. Lunch on your own**...which is available on site.
Free to AFE members!
click for AFE Education Info

Click Here to visit site