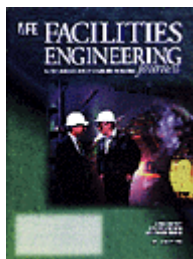




June Newsletter

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Spot Light:



Facilities Engineering Journal

(free to members)

Topics such as environmental, power, HVAC, maintenance, management, safety, compliance and professional development are addressed by experts in the field each issue.

[Subscribe Today!](#)

[Complimentary on-line issue - click here](#)
and to be passed out at our June meeting!

- [The people behind AFE St. Louis Chapter](#)
- [Read about past tours and meeting. with pictures.](#)

This Month:

[LeakZone offers new online training programs](#)

They have been hard at work putting together some of the best online training programs in the area of leak detection for their newsletter members and web site visitors.

These programs are free to access and require a Windows or Real media player and a quick registration.

[See online version for link to begin:](#)

AFE St. Louis Newsletter !

[New AFE St. Louis Online Bookstore !](#)

Please visit www.AFESTLouis.org/Career/Career.htm to see our latest job postings!

Call For Help

Vendors, you can support your local St. Louis Chapter, and reap great rewards by advertising on this site. [click here](#). We are also constantly adding fun and valuable resources to AFESTLouis.org, so please [check back](#) on the website often. Feedback on the site and the Newsletter would be very much appreciated.

Click the "[Comments](#)" button on the left. (or email webmaster@AFESTLouis.org)

Thanks

Get Involved

In your St. Louis Chapter

[Learn, Lead, and Influence](#)

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Please give us your support and input by completing the online member survey at ...

www.afestlouis.org/Newsletter/GetInvolved.htm



[Go online to learn more about Facilities America 2002.](#)

This year, Fred's team has done an outstanding job of pulling together Top Speakers. **John Moubray** is credited for perfecting RCM. He alone is reason of to attend the conference.

Clark Wigley of Adizes Inst is going to provide a full day session on how accelerate business success. Adizes Inst created the model Corporate Lifecycles.

[Compressed Air Leak Detection](#) Paul Tashian covers the economics and the techniques required to implement a successful compressed air leak detection program. Compressed Air Leak Detection programs generate is one the quickest Return on Investments (ROI) of almost any other type of project you can start to improve reliability at your plant. Equipment selection as well as the advantages of utilizing contractors versus in-house resources are also covered in this 15 minute training session.

For more online training visit LeakZone.com



The Consumer Review Site for
The Plant Reliability Community

Overall Equipment Effectiveness (OEE)

Robert Hansen is back at Reliabilityweb.com with a new online training program for Overall Equipment Effectiveness (OEE). This 23 minute program covers the formulas as well as offering advice to use them.

[Go online to start the training program*](#)

*Media Player and a quick registration required.

The steering committee have a great year planned for us, as well as some tentative plans for all of 2002!



[Go online to read about our 2nd annual golf classic coming up.](#)

Vendors: If you have interest in sponsoring a hole or any other part of our golf tournament, please contact webmaster@afestlouis.org

Please visit the online calendar at ...

www.afestlouis.org/Calendar/Calendar.htm

to see more great events AFE has in store for you.

www.AFESTLouis.org

Rex Gallaher is a true Maintenance Executive with extensive insight on how to manage maintenance in a variety of different cultures with a very restrictive comp plan and bureaucratic employer, US Govt. Yet his team has performed results better than industry in numerous key performance areas.

Joe McMullen, former AFE Intern, 30 years ago, of Michelin has created a European style apprenticeship program in the US.

Terrence O'hanlon has founded and developed a Reliability Engineering Portal for our industry. He provides a wealth of information and is a fantastic speaker.

This year will have numerous opportunities to Listen, Learn, Lead and Influence AND TO HAVE SOME FUN!!! We will have special passes to get into any location on Bourbon Street. Lets make sure we don't let Freds team's efforts go in vain by having mediocre attendance.

Joel Leonard

One of our own local St. Louis members (**Don Fitchett**) is showing support and getting involved by being a speaker at FA2002! **Please show your support by making plans to attend this educational event.**

www.afe.org/facam2002/facam2002/EB.htm

Maintenance Excellence Poster

If you would like a free printable Maintenance Excellence Poster featuring the 21 major elements of an excellent maintenance program, [please see online version for a .pdf download](#)



Maintenance Excellence Arch poster provided courtesy of Life Cycle Engineering

Life Cycle Engineering, the nation's premier provider of maintenance solutions, proudly releases the first edition of Maintenance Excellence News.

I recommend you sign up for Life Cycle Engineering's free

Maintenance Excellence Newsletter,

www.lce.com/signupnew.htm

Upcoming June Meeting:

"The True Cost of Equipment Downtime"



End User's in the St. Louis Area

The latest methodology on realizing the "True" cost of downtime can be applied to Manufacturing, Building Maintenance, even your IT equipment.



This valuable information will give you the power to cost justify your much need equipment, upgrades and repairs!

Metropolitan Square will be hosting our meeting with guest speaker and AFE St. Louis member, Don Fitchett. This event will be Tuesday (June 25, 2002 @ 5:30 P.M.) Met Square is located at 211 N. Broadway, St. Louis, MO 63102. Please [Go Online](#) to learn more.

Our group is growing so don't miss out. Members: Don't forget your badges!

Come and network with your St. Louis's A.F.E. Make some friends, eat, and have fun.

RSVPs Now

(Fax in the attached RSVP form or go to our website and RSVP)

Please visit our online version of this newsletter at ...
<http://www.afestlouis.org/Newsletter/>

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More help with files from [our download area](#) or [search our site](#)

May Meeting:



Fabick Power Systems - Oil analysis - Diesel Analysis

We want to thank all the great folks at [Fabick Power Systems](#), for hosting our meeting, providing the BBQ, drinks and gifts ! For those who could not make it, you can read about the tour in this news letter and online.

[\(See next page about Fabick Power Systems Tour and view pictures\)](#)

We exist because of the continued support of our Sponsors. Chapter 26 thanks ALL of them for their continued support!

Student Chapter:

Please help our members at Southern Illinois University, by contacting [Dr.](#)

[Spoerre](#) at SIU, to see what you can do to support our new student chapter.

These students are our future; let's invest a little time in our future.

FacilitiesNet

Breaking news stories, in-depth analysis of top issues, and helpful features make [FacilitiesNet](#) a great site for facility professionals across America. Here are some of the new features and articles that are now available:

1. U.S. Power Deregulation Stalls in Post-Enron World
Enron's collapse and a slew of new trading scandals are slowing the pace of retail electric deregulation in the United States, already reeling from California's energy crisis, industry analysts say.
[Click online version for full story.](#)
2. Seven Myths of the Electronic Age
To get the benefits of powerful software tools, facility executives must have a clear idea of what they're getting into.
[Click online version fore full story.](#)

3. Go Ahead and Ask - Where can I find resources on staff scheduling? What companies offer portable HVAC Systems? How are school districts in Texas preparing for energy deregulation? You've got questions...now get answers. Post your questions on our bulletin boards and get answers from your peers.

[Click online version to ask.](#)

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AFE-St. Louis's May Meeting/Tour

Fabick Power Systems - Oil analysis - Diesel Analysis

St. Louis Chapter 26 would like to express a special Thank You to

Joe Huley - General Manager

Mike Jaby - Product Support Rep.

Linda Lovejoy - Oil Lab Supervisor

Dara Danz - Fabick Power Systems employee

along with all the great folks at [Fabick Power Systems](#), for hosting our meeting, providing a great BBQ and giving us a very educational event.

Thanks to all those members who showed their support by attending. We look forward to seeing you again at next month's meeting. To all our guests, we hope you found this event interesting. This is just one of the many benefits of belonging to our organization. We will enjoy seeing you at the next meeting. We hope that you all join the Association for Facilities Engineering.

[Frank Kastl](#)

President-AFE St. Louis (Chapter 26)

The Meeting:

Frank Kastl started out the meeting with a few announcements and having everyone introduce themselves. Joe Huley (Fabick General Manager) followed up by an introduction and warm welcome. We had a large turnout, so Mike Jaby (Fabick Product Support Rep.) divided us into 3 tour groups.

The Tours:

Oil analysis Lab

They say Scheduled Oil Sampling (SOS) is the best preventative maintenance money can buy. We all were amazed at Fabick's oil sample analysis price that \$13 individually, 10\$ if you buy them six at a time. What a return on your investment, just \$10 to save thousands! We learned of oil testing by talking with Oil Lab Supervisor, Linda Lovejoy.

Diesel Fuel Analysis

We learned in the Diesel Fuel analysis power point presentation that it is a common misconception that fiberglass diesel storage tanks are immune to micro-organisms eating away at the tank. Diesel fuel starts to deteriorate after 1 month of storage. With long-term storage it is important to add supplementary inhibitors as soon as possible, since they have less effect when the fuels have already started to deteriorate.

Have Fabick take a test sample soon, because the sludge settling in your tank won't work with the fuel injectors. In summary, keep your storage tank cool but not cold, checked for water monthly (more in winter), and keep storage tank full. The cleanest fuel is normally found at the uppermost level of the fuel. So take your fuel from the top of the tank, and your test samples from the bottom.

Portable Air Conditioning Units

Fabick used their portable chiller unit to cool the outside area where tables were set up. It was a real demonstration of how powerful the units are. We had to adjust the temperature because we were getting cold even though we were outside in the summer time!

- Provide comfort for an outdoor picnic, reception or show.
- Cool a building shell for worker comfort during construction.
- Back-up installed chillers during peak summer temperatures.

Portable Chiller Units

The most important tip given to those whose facilities are dependant on chiller units is to insure you have the "T" connectors in place. This way if you units go down, Fabick can quickly connect a back up chiller and save you downtime.



Portable Generators, UPS



A 2000 kilowatt sound attenuated portable generator with a load bank connected to the generator and the flywheel UPS for the live demonstrations. For demonstration purposes they operated the generator and placed it under maximum load with their load bank to demonstrate the sound attenuation of this unit.

Electrical power systems supply both primary and standby power for a variety of uses - like off-shore oil rigs, huge mines in remote deserts or mountain ranges, entire communities in areas not close to a utility power grid, hospitals, schools, factories, airports and office buildings.

Switchgear

Caterpillar has come out with a new line of switchgear that uses touch screen technology to display and control the emergency power supply system. Being modular in design and with the smallest footprint in the industry, Fabick demonstrated the automatic starting of 3 generators with the automated switchgear.

Fabick explained features such as three-phase sensing and adjustable volts-per-hertz regulation give precise control, excellent block loading, and constant voltage in the normal operating range.

The BBQ

Fabick had refreshments and drinks which were served underneath the overhang of their shop. Fabick's generosity witnessed by the AFE St. Louis chapter also with free giveaways. They gave away shirts, jacket, drink coolers.



Thanks to those who attended, hope to see more of you in our engineering ranks at our next meeting on [The True Cost of Downtime of Equipment](#).

Thanks Again [Fabick Power Systems](#), for the great time!

This document requires [Adobe Acrobat Reader](#). Please take this link to download [Adobe Acrobat Reader](#) free of charge.

AFE Members: We exist because of the continued support of our Sponsors. When you have needs, please show your appreciation by contacting them.





AFE The Association for Facilities Engineering,
Chapter 26 serving the greater St. Louis area.



We would like to invite ALL Engineers, as well as Maintenance Managers, and Building Energy Directors to our A.F.E. monthly meeting.

Subject: The True Cost of Downtime

Metropolitan Square will be hosting our meeting with guest speaker and AFE St. Louis member, Don Fitchett. This event will be Tuesday (June 25, 2002 @ 5:30 P.M.) Met Square is located at 211 N. Broadway, St. Louis, MO 63102.

This will be an opportunity for you to receive a preview of the material Don will be speaking about in September at [The Facilities America 2002 convention in New Orleans, LA](#). One of the most important aspects of effective business management is full utilization of installed capacity. This session is designed to show you True Downtime Cost (TDC) metrics. This new found knowledge will empower you to quickly isolate the greatest cost savings, while giving you the much need data for cost justification.

Join Don, while he takes you on an eye opening journey through all the cost metrics associated with production in the manufacturing industry. This same methodology has been applied to Building Maintenance and even IT equipment. Don will use the knowledge gained from a five year study and an ongoing downtime cost survey of over a hundred companies and corporations. Also in this session, tools and information will be provided for you to quickly pinpoint the greatest cost savings opportunities in your facility. More importantly, Don will give you the three step plan to capitalize on these opportunities (Standards, Learn OEE, Use TDC metrics). You can not afford to miss this opportunity to save thousands of dollars a year in production and maintenance cost.

Come and network with your St. Louis's A.F.E. End user's in manufacturing and building operations, this is a place where your questions can be answered by all of us working together. (*Vendors, Managers: Please bring all of your end users you can, as guest! The more who understand the "True" cost, the more savings will be realized.*)

Our group is growing so don't miss out. Members: Don't forget your *badges!*
Members Free! - 1st time Guest Free!
 (all other guest 10\$ at the door, to be donated to our AFE Relief fund.)

Frank Kastl (AFE-St Louis President)

Please RSVP us below... This will reserve a seat for you.

Please enter Name _____ Email _____
 print and fax this document to (314) 436-7391. OR

Submit the form online at www.AFESTLouis.org/JuneRSVP.htm

Directions online at above URL. Please email webmaster@afestlouis.org if you have any questions.

The Association for Facilities Engineering (AFE) is the largest, dedicated network in the facility, maintenance, and plant operations professions. Our members advance the field and their careers using the most complete range of technical information, education, best practices, and sharing of common professional experiences.