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Volume 2, Issue 1

January 2003



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Milwaukee Area Chapter

PRESIDENT'S MESSAGE MILWAUKEE AREA CHAPTER

Serving Southeastern Wisconsin

Our November meeting consisted of a tour at Miller Brewery followed by a short membership meeting in their guest reception hall. The tour was geared to the maintenance discipline and took us to areas not open to the typical tourist visiting the plant. Their maintenance staff provided insights into the facilities operating systems, maintenance operations, and production processes. The maintenance department highlighted two critically important systems used to maintain the reliability and efficiency of the production equipment. Miller achieves effective maintenance control through "real-time" monitoring of process equipment and a highly developed computerized maintenance program.

Moving from a reactive to a proactive maintenance management mentality is a difficult process. This involves workflow analysis, training and a change in culture throughout the organization. Depending on type of business, we must work collaboratively with either manufacturing or the service provider to identify goals and match our efforts to organizational requirements. Our managers and front-line supervisors need to understand the concepts of "Lean Manufacturing", problem solving and "Total Productive Maintenance (TPM)". Training is imperative and provided by many professional organizations i.e. PFMA and local technical colleges. Robert C. Baldwin, CMRP, Editor of "Maintenance Technology" cited in a recent article; "There are too many people, inside and outside the maintenance profession, simply looking for answers to problems instead of trying to understand the process."

The cultural aspect is the most critical piece to success when implementing best maintenance practices. I have yet to find a "silver bullet". If any of our members have enjoyed success in this area, please share your experiences with those of us who are still struggling. Change creates anxiety and our basic human nature will try to resist. How many of us have achieved the following Best Maintenance Practices: *

- 100 % of maintenance labor covered by a work order.

- 90% of work orders generated by preventive maintenance inspections.
- 90% compliance of planned/scheduled work.
- Overtime is less than 2 percent of total maintenance hours worked.
- Maintenance costs are within +/- 2 % of budget.

*"Best Maintenance Practices" by Ricky Smith, Maintenance Technology, November 2002.

I will readily admit that my facility has a long way to go to achieve this level of maintenance performance. However, we are aware of our current state and committed to the long-term transition in accomplishing these industry best practices.

This, in a round about way, brings me to the message I am trying to convey. Maintenance is becoming a recognized professional discipline. Corporate boardrooms are looking at maintenance as a way to reduce waste, reduce operating costs and improve productivity. The goal of the PFMA is to provide training, educational opportunities and other professional development skill to contribute to the success of our members' career or occupation. One of the best opportunities for member networking and exchanging ideas is at the 2003 PFMA/EME Exposition held at State Fair Park, West Allis, WI on April 2-3.

I hope each of you had a very successful and productive 2002. The PFMA Milwaukee Chapter finished the year on a high note with a Holiday party for members and guests on December 17th at Legacy Fine Dining in New Berlin. I look forward to seeing you at the upcoming Expo, monthly member meetings, plant tours and other events planned throughout the year. Check the PFMA web site for these events. Also if you find value in your membership, tell your friends and colleagues and bring them to one our events.

Kenneth Kieck

CHAPTER NEWS MILWAUKEE AREA CHAPTER

As the year 2003 begins, let's take a little time to reflect on where the PFMA has been and where we are headed. Everyone connected with PFMA should be proud of our accomplishments during the past year and a half. We have learned our lessons well from being involved with previous organizations. For a new maintenance organization starting in very interesting economic times, we have managed to start four chapters--the Milwaukee Area Chapter, the Central Wisconsin Chapter, the Marshland Area Chapter and the newly forming Capitol Chapter. We have strong interest from many other parts of Wisconsin and surrounding states. We have produced three successful trade shows and held many very interesting plant tours and informative dinner meetings. Not bad for a truly volunteer organization with no full time employees--just some wonderful occasional part-time help (Thank you Gail and Mary Ellen). We are always looking for additional people to volunteer their time and ideas. Please let your suggestions and ideas be known. We want and need your assistance.

What does the next year have in store for PFMA? In the year 2003 PFMA will expand by starting chapters in La Crosse and at least one additional northeastern Wisconsin chapter. A big hands across the border welcome to PFMA CANADA, our first chapter outside of our home state. We of course know people in these areas not only from work affiliations but friendships developed from previous professional organizations.

Overall we are progressing at a steady pace; we have had inquiries from Seattle and Detroit. I am communicating with potential members in those areas. We could use some help in 2003--you will be receiving a letter with suggestions on recruiting some fellow maintenance people. It will be an informational brochure on our organization. We all need an easy way to promote our organization. Any help in this area

from our loyal vendors and members will be greatly appreciated.

Now for some other news, we are making progress with the PFM Educational Trust. We want to do it correctly so it is taking some time. We have some different ideas on how and when to deliver continuing education to our members and to assist our technical schools. It is one of our goals to increase the productivity in our factories and facilities. We hope to subsidize "Lunch and Learns"- one-hour presentations by our members on the latest Technology. In a fast changing work environment, we all need to prepare ourselves for the inevitable changes in our chosen field.

The first officer and committee meeting of all our chapters is being planned for sometime in the spring. We want to share best practices on membership, programs, training, expos and yes golf outings and other social events.

Thanks for now,

Bob O'Laughlin

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Central Wisconsin Chapter

PRESIDENT'S MESSAGE CENTRAL WISCONSIN CHAPTER

Serving Central Wisconsin

An open letter of thanks to all of the vendors making the PFMA organization what it is.

A huge thank you, to all the vendors that have taken the extra effort to become members of PFMA. You have been called upon to take an active part in meetings and the running of the organization. When called upon for that extra door prize or help with a project, you have been there. You also have been an active supporter of our trade shows.

Many thanks go out also to the vendors that support the PFMA trade shows in chapter areas throughout the state.

PFMA is very dependent on you the vendor. You tend our needs and you support our chapters with your participation in the trade shows. A product of that support can be seen by the scholarships that were handed out by the Central

Wisconsin Chapter. You the vendor have made this possible.

We the regular membership can also thank our vendors by contacting them with our needs. Let your vendor know that you are a PFMA member and appreciate his help. PFMA members can also thank the vendors by attending the trade shows, selling the trade shows to non-members and by making the shows a huge attendance success.

Mr./Ms. vendor: THANK YOU FOR EVERYTHING THAT YOU HAVE DONE FOR PFMA IN 2002.

James L. Lang
President
Central WI Chapter

CHAPTER NEWS CENTRAL WISCONSIN CHAPTER

The Central Wisconsin Chapter was very active during the past quarter. On Thursday, October 24th a number of \$500.00 scholarships were handed out at Mid-State Technical College.

- Scott Dickrell, Instrumentation
- Canaan Heil, Electrical Power Engineering
- Travis Kmetz, Electrical Power Engineering
- Scott Kollock, Ind. Mechanical Technician
- Adam Krasselt, Electronics Technician
- Ronald Milanowski, Electronics Technician
- Tom Schumer, Automotive Technician
- Kristopher Parker, Civil Engineering

On November 13th \$500.00 scholarships were also given at North Central Technical College.

- Travis Bergmann, Electromechanical
- Noel Edrich, Electromechanical

Matthew Weiland, Mechanical Design

Joseph Martin was not able to attend the Scholarship Award Reception

At the November membership meeting, the following members were elected into office.

- President: Jim Lang
- V.P.: Neil Stein
- Secretary: Ron Antoniewicz
- Treasurer: Ron O'Kray
- Directors: Dick Boehmer, John Ahrens, Dick Zagrzebski

The evening's guest speaker was Rachele Phakittnong, Instructional Liaison at North Central Technical College. A round table discussion was held on how PFMA and technical colleges can work together.

The December regular meeting was a couples Christmas Party held at the Stevens Point Country Club. Door prizes were distributed to members and their guests.

Upcoming events for the Central Wisconsin Chapter:

December 30th	Board Meeting	6:00pm	Runway Restaurant
January 14th	Tour-Jarp Manufacturing		in Schofield
January 27th	Board Meeting	6:00pm	Runway Restaurant
February 11th	V.I.P.Nite	7:00pm	Stevens Point Country Club
March 3rd	Board Meeting	6:00pm	Runway Restaurant
March 11th	Membership Meeting	7:00pm	Runway Restaurant

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Fax: 262-797-6623
E-mail: klausm@execpc.com

Marshland Chapter

CHAIRMAN'S MESSAGE MARSHLAND CHAPTER

Serving Northeastern Wisconsin

Hope you had a good holiday season! We had a busy fall in the Marshland Chapter (Fond du Lac- Dodge county area). In October we had a dinner meeting at Lori's in downtown Lamartine. We had a good turnout of members and prospects for a tasty meal, followed by a presentation by the "Wisconsin Focus on Energy" representative. We had our Steering Committee meeting immediately following the dinner meeting. For our November meeting, we were invited to join the Milwaukee Area Chapter for a great tour of the Miller Brewery- we brought 15 members to the event, and had a nice meal and brief meeting afterwards. I went for seconds on the ribs!

We had our Christmas party on December 18 at Camelot in Lomira. It was nice to have spouses and guests attend a meeting. We also elected our first official slate of officers for the coming year. By the way, the steaks were excellent!

Upcoming events:

January 22, 2003 - Regular Dinner Meeting with Board Meeting to follow

June 20, 2003 - Golf outing - Mayville Country Club (more details later)

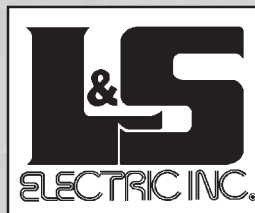
We always are looking for feedback from our members- if you have an interest in a program or tour that will be educational and informative for our chapter, please contact me!

Charter members of Marshland Chapter- please contact me if you haven't received your special shirt!

I hope to see you at one of our upcoming meetings- please check the website for details. Our meetings are always open to prospective members and members of the other chapters!

Doug Prunty

Steering Committee Chairman



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PFMA Connection Article and Photo Submissions

Gain greater recognition for your company's expertise in the marketplace.

Submit an article and/or photo for publication!

PFMA Connection is looking for articles and photos for publication within upcoming issues. This is an excellent opportunity to showcase your objective knowledge of plant and facilities maintenance related topics while earning valuable publicity for your company.

Content ideas can include (but are not limited to):

- Highlights of an industry trend
- Technical product applications
- Pending legislation and its impact on the field of maintenance
- Opinion column on an industrial topic
- Problem Solving/Trouble-shooting ideas

Guidelines:

Articles should be of an objective nature, minimum 250 words, maximum 500 words.

Please submit your articles on disk or e-mail for the editor's consideration to:

Stefanie Dow
dow@execpc.com

Or mail to: PFMA, 5105 Scott Lane, West Bend, WI 53095

Questions?

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Calendar of Upcoming Events

2003

January

- 1/21/03** Membership Meeting, 5:30 PM
at Legacy Fine Dining, New Berlin
Guest Speaker: Colton Wagener, Wenniger Compressor.
Topic: Types of compressors and their applications to the field of maintenance.
- 1/28/03** Operating Committee, 5:30 PM
at Legacy Fine Dining, New Berlin

February

- 2/18/02** Membership Meeting, 5:30 PM- Location TBA
- 2/25/03** Operating Committee Meeting, 5:30 PM
at Legacy Fine Dining, New Berlin

March

- 3/18/02** Membership Meeting, 5:30 PM
at Legacy Fine Dining, New Berlin
- 3/25/02** Operating Committee Meeting, 5:30 PM
at Legacy Fine Dining

April

- 4/02 & 4/03** PFMA EME Expo, Wisconsin State Fair Park, New Facility!
Show Hours: 11:00 AM - 7:00 PM each day.
No Membership Meeting due to Expo earlier in the month
- 4/29/02** Operating Committee Meeting, 5:30 PM
at Legacy Fine Dining, New Berlin

May

- 5/20/03** Membership Meeting, 5:30 PM
at Legacy Fine Dining, New Berlin
- 5/27/03** Operating Committee Meeting, 5:30 PM
at Legacy Fine Dining, New Berlin

June

- 6/24/03** **No Membership Meeting**
Operating Committee Meeting, 5:30 PM
at Legacy Fine Dining, New Berlin

July

- 7/29/03** **No Membership Meeting**
Operating Committee Meeting, 5:30 PM
at Legacy Fine Dining, New Berlin

August

- 8/26/03** **No Membership Meeting**
Operating Committee Meeting, 5:30 PM
at Legacy Fine Dining, New Berlin

September

- 9/23/03** Membership Meeting, 5:30 PM
at Legacy Fine Dining, New Berlin
- 9/30/03** Operating Committee Meeting, 5:30 PM
at Legacy Fine Dining, New Berlin

October

- 10/21/03** Membership Meeting, 5:30 PM
at Legacy Fine Dining, New Berlin
- 10/28/03** Operating Committee Meeting, 5:30 PM
at Legacy Fine Dining, New Berlin

November

- 11/18/03** Membership Meeting, 5:30 PM
at Legacy Fine Dining, New Berlin
- 11/25/03** Operating Committee Meeting, 5:30 PM
at Legacy Fine Dining

December

- 12/16/03** Holiday Party for PFMA Members and their families,
5:30 PM at Legacy Fine Dining. Dinner at 6:00 PM

Note: Dates are subject to Change. Generally, the PFMA MAC monthly membership meetings are held on the third Tuesday of the month and the board meetings on the last Tuesday of the month.

Please note: It is very important for PFMA members and their guests to confirm if they will be attending the dinner portion of the monthly meetings. It is not cost effective to the organization to order more dinners than attendees.

To add items to the Calendar of Events for future issues, contact Stefanie Dow, phone: 262-695-7479, fax: 262-695-7518, e-mail: dow@execpc.com.

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The opening of PFMA Expo 2002

Calendar of Expositions

Make plans to exhibit and attend these upcoming expositions:

April 2 & 3, 2003

Plant Engineering & Maintenance Expo
 Sponsored by PFMA Milwaukee Area Chapter
 Wednesday & Thursday, 11:00 AM – 7:00 PM each day
 Wisconsin State Fair Park, West Allis, WI
 New Facility!

May 13, 2003

Plant Engineering & Maintenance Expo
 Sponsored By PFMA Inc. of Central WI
 Tuesday, 9:30 AM – 5:00 PM
 Holiday Inn and Exposition Center, Stevens Point, WI

September 17, 2003

Northeast Wisconsin Maintenance, Engineering & Purchasing Expo
 Sponsored by Great Lakes Maintenance Association (GLMA)
 Wednesday, 10:00 AM – 5:00 PM
 Appleton, WI

October 1, 2003

Plant Engineering & Maintenance Expo
 Sponsored By PFMA Capitol Chapter
 Wednesday, 10:00 AM – 5:00 PM
 Marriott Madison West, Middleton, WI

Mark your calendars now for the **2004 Milwaukee Expo** held on **April 7 & 8, 2004**

To confirm booth space in any or all of these expos, contact Stefanie Dow at phone: 262-695-7479, fax: 262-695-7518, e-mail: dow@execpc.com

To pre-register to attend any of these shows, visit our website: www.pfmainc.com.



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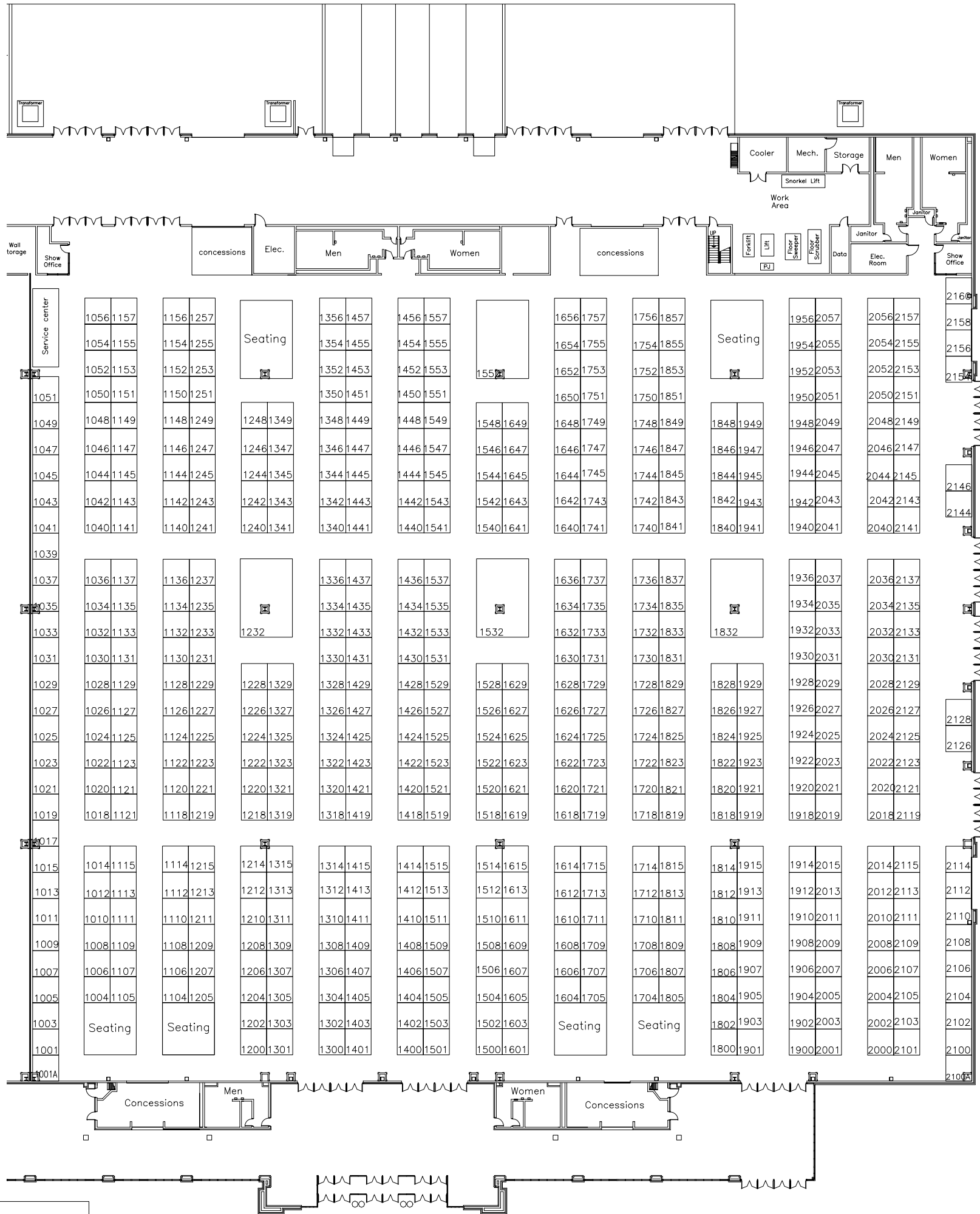
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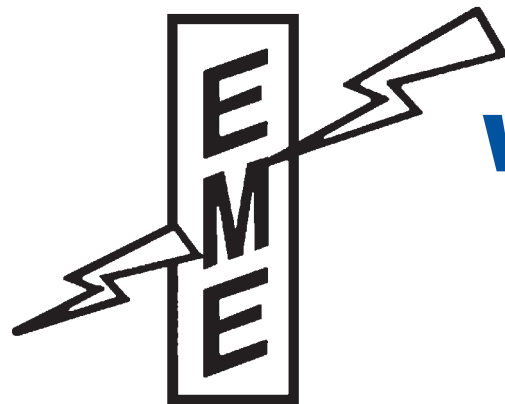


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**For a complete listing of Exhibitors, see pages 10 – 11.
 Visit our Website www.pfmainc.com for the most current listing of exhibitors.**

PFMA 2003 EXPO

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**Wednesday
April 2, 2003
Show Hours**

11:00 a.m. – 7:00 p.m.

**Thursday,
April 3, 2003
Show Hours**

11:00 a.m. – 7:00 p.m.

Booth space still available at the 2003 Plant Engineering & Maintenance Expo.
There's still room for your company to exhibit at this expo!

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A G Industries Inc.	1954	Dillett Mechanical	1314
AAA Environmental Industries	2137	Dist-Tron, Inc.	2029
Abatron	1736, 1837	Donald A. Loss Associates Inc.	1540, 1641
Abbott Plastics	1231	Doral Corporation	1318, 1320, 1419, 1421
ADT Security Services	1707	Downey Inc.	1113
Advance Boiler & Tank Company	2101	E.L. Simeth Co. Inc.	1621, 1623
Advance Chemical Co.	1118, 1219	Eagle Enterprises Ltd.	1413
Advance Hydraulics Inc.	1155, 1157	Eagle Technology Inc.	1323
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Affiliated Steam Equipment Co.	2054, 2056	EME of Milwaukee	1031
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Air Supply Systems Inc.	1307, 1309	EMS Industrial	1610, 1612
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Automatic Fire Protection, Inc.	1902	Filtration Concepts, Inc.	2100
B.U.W.W. Coverings, Inc.	1228	Filtration Solutions Inc.	1607
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Badger Lubrication Technology	1001	FLUKE Corporation	1725
Badger Material Handling	1853, 1855, 1857	Fox Valley Spring Co.	1710
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Butters-Fetting Company Inc.	1945	Hassel Material Handling Co.	1412
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C L Thompson Company	1813, 1815	Hein Electric Supply Company	1528, 1629
CAM Associates Inc.	1826	High Voltage Maintenance	1304
Carrier Commercial Systems & Services	1713	Hilti	1424
Centec Security Systems Inc.	1814, 1915	Holming Company	2041
Centimark Corporation	1422	Holt Electric Div. of Revere Electric Supply	2156, 2158, 2160
Central States Caster	1502, 1504	Holton Brothers, Inc.	1805
Central Supply Co.	1800	The Hoover Company	1305
Century Fence Company	1650	Hotsy Cleaning Systems Inc.	1003, 1005
ChemIndustrial Systems Inc.	1007	Hunzinger Construction Company	1806
Chem-Tech International Inc.	1306	Hydraulic Component Services Inc.	1208
Chemtreat Inc.	1410	Hydraulic Service & Mfg. Inc.	1415
Clasmann Corporation	1754	IBEW Local 494	1513
Climate Sales	1907	Illingworth Corporation	1141
CMS & CMR	1300, 1401	Industrial Equipment & Service Inc.	1218, 1220
Cochrane Compressor Co. Inc.	1636, 1737	Industrial Erecting	1318, 1320, 1419, 1421
Collins Equipment & Supplies	1018, 1119	Industrial Truck Repair	1930
Combustion Systems	1549	Infrared Solutions Inc.	1609
Compressed Air Systems	2108, 2110	Ingersoll Rand Equipment & Services	1326, 1328
Controlled Environment Equipment	2036	Ingersoll-Rand Air Center	1340, 1441
Cope Plastics Inc.	1427	In-Place Machining Company	1537
Copps Industries	1408	InPro Corporation	1506
Corporate Express	1140	ITT Flygt Corporation	1500, 1601
Courtney Industrial Battery Inc.	1240, 1341	ITU	1824
CPR Services Inc.	2020	J & D Manufacturing	2146
Crane Engineering Sales, Inc.	1604, 1606	J & W Instruments Inc.	1033
Crane Engineering Services	1608	J T Roofing	1409
CreekSide Roofing Foam & Coatings Inc.	1603	J Walter Inc.	1845
Crown Equipment Company	1914, 2015	J.F. Cook Co. Inc.	1226
D E Riley Corp./Riley Valve Services	1820	J.M. Brennan, Inc.	1319
		J.M. Grimstad, Inc.	1433, 1435

2003 PFMA Expo Exhibitors

Jacobus Environmental Services	1535	Powers Fasteners/Adam Knuth	1812
Jensen Equipment/Milw. Electric Tool	1232	The Price Erecting Company	1740
Johnson Controls Inc.	1900, 2001	Prime Coat Corporation	1810
Johnstone Supply	1223	Pro Industrial Controls Inc.	1649
K I Pumps & Systems Inc.	1400, 1501	Process Equipment Sales	1818
K R West Co. Inc.	1755	Progressive Automation Control	1647
Kaelber Co.	1406	Pro-Tel Inc.	1952
Kafko	1349	RDM & Associates Inc.	1205, 1207
KEI Kujawa Enterprises Inc.	1429, 1430, 1431	Rickard Associates Inc.	1253, 1255, 1257
KISS-Klatt Industrial Sales & Svc.	2019	Rigging Gear Sales, Inc.	1940, 1942
Klatt Equipment Inc.	1630, 1632	Rinderle Door Company	1832
Klubber Lubrication North America	1106	Ritter Technology	1524, 1526
Knives & Blades Inc.	1904	Royalty Janitorial Inc.	1225
Kone Elevator	1330	Salamone Supplies	1903, 1905
L & S Electric Inc.	1512, 1514	Salentine Pump & Equipment	1802, 1804
L W Allen Inc.	1242, 1244	San-A-Care	1440, 1541
L. W. Meyer, Inc.	1714	Schaeffer Mfg. Co.	1153
LaForce Inc.	1910, 1912	Service Painting Corporation	1807
Lakewood Filters, Inc.	1021	Siemens Fire Safety	1423
Langer Roofing & Sheet Metal Inc.	1503, 1505	Soft Water Inc.	1734
LAPP USA	2109	Stapleman Corporation	2147
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Lenny's Pool Service Inc.	1451	Steamatic Inc.	1347
LIFTCO Inc.	1529	Storage Battery Systems	1202, 1204
LP International	1950	Superior Landscape Maintenance	1656
Marshall Erecting Company	2126, 2128	Superior Special Services	1727
Marshall W. Nelson & Assoc.	1947	Superior Stainless & Erecting	1557
Martin Peterson Co.	1235	Surf Prep, Inc.	1841
Masonry Restoration Inc.	1508	System Service Ltd.	1036
MasterDrive	2141	T & A Industrial Dist.	1114
MEE Material Handling LLC	1934, 1936, 2037	Tartan Supply Co.	1704, 1706
Merit Asphalt Inc.	1112	Technitrol, Inc.	1527
Metal Express	1403	Tennant Company	1708
Metal Surgery Milwaukee LTD	1454, 1456	Thomas Regional Directory Co.	1611
Metro Caster LLC	1246	Thuemling Industrial Products Inc.	1210
Meyer's Pressure Cleaners Inc.	2002	TMI Coatings	1913
Micor Company Inc.	1154	Total Water Treatment Systems, Inc.	1411
Midland Plastics Inc.	1618, 1719	Town & Country Electric	1137
Midwest Electrical Testing & Maint Co.	1148	Trane Company	1548
Midwest Finishing Systems Inc.	1134	Trester Hoist & Equipment	1404
Midwest Mechanical Maintenance	1901	U.S. Cellular	1533
Millwright Local 2337	1622	UMISCO Inc.	1104
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Milwaukee Hammer Company	1402	United Rentals	1554
Milwaukee High Lift	1350, 1352	United Scale & Engineering	1345
Milwaukee School of Engineering	1027	UW Extension Washington County	1029
MIT Rentals, LLC	1051	Vacuum, Pump & Compressor	2123
Modular Piping Supply	2149, 2151	Venture Electrical Contractors	1510
Moore Oil Company Inc.	2018	Vibra-Flight Systems Inc.	2035
Morris Material Handling	1735	Viking Communications	1308
Multi-Vac/M & W Shops	1247, 1249, 1251	The Wanasek Corporation	1315
Munson Inc.	2040	Watertech of America	1245
N.E.S.	1848, 1949	Waukesha County Technical College	1023
National Utilities Company Inc.	1432, 1434, 1436	Wenniger Compressor Co.	1035, 1037
Nelson Electric Supply Co. Inc.	1009, 1011, 1013, 1015	WI Industrial Machine Service	1414, 1515
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Operating Engineers Local 317	1511	Winding Roofing Company Inc.	1303
Overhead Material Handling, Inc.	1426	Wisco Lift Inc.	1443
Packerland Rent-A-Mat Inc.	1531	Wisconsin Compressed Air Corp.	1014, 1115
Palmer Company Inc.	1222, 1224	Wisconsin Control Corporation	1322, 1324
Paragon Instrument & Control	1343	Wisconsin Focus on Energy	1215
Pargreen Sales Engineering Corp.	1006	Wisconsin Leasing, LLC	1555
Parker Coatings Inc.	1442	Wisconsin Lift Truck- Aerial Lift	1718-1732, 1819-1833
Parking Lot Maintenance	1019	Wisconsin Lifting Specialists Inc.	1040, 1042
PARSS Corp.	1756	Wisconsin Pipe Trades	1039, 1041
Pavlic Vending Service Inc.	2102	Wisconsin Steam Cleaner Sales	1200, 1301
Payne & Dolan Inc.	1628	Xpedx	1847, 1849, 1851
PBBS Equipment Corp.	1712	Yale Equipment & Services Inc.	1532
Pieper Electric Inc.	1614, 1715	York International Corporation	1525
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Power Specialties	2000		
Power/mation	1507, 1509		
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Industry Articles

Electrical Licensing

Electrical Workers (IBEW) Local 494 strongly supports a program of mandatory licensing of all electrical contractors and electricians and inspection of all electrical work. The issue of electrical licensing and electrical inspection, in its most simple form, is one of safety-consumer safety and worker safety. Everyone knows and understands electricity to be dangerous. It can maim or kill and often is identified as the cause of a fire.

There are four fundamental reasons why Local 494 supports mandatory licensing and inspection.

- 1) The electrical industry is **broad in scope**. It changes at a rapid pace, quickly rendering last year's knowledge obsolete. The National Electrical Code

(NEC) is the principal set of rules, written at an 18th grade level (2 years post-graduate). The NEC undergoes substantial change every three years generally incorporating over 2,000 changes, some extremely complex.

- 2) **Continuing education** is paramount as technology impacts the electrical industry. When new technology is coupled with NEC changes, a continuing education program is a necessity rather than an option. As proposed, mandatory electrical licensing carries with it a continuing education requirement.
- 3) **Structure** originates with licensing. Electrical construction in Wisconsin has the basic underpinnings of structure with the present voluntary system. However, large areas of the state have no electrical inspections, no licensed contractors and large numbers of untrained, uneducated electrical practitioners. The agricultural sector is particularly susceptible to this phenomenon. The proposed electrical licensing legislation would institute the needed structure to implement electrical inspection, and begin the process of increasing the skill and knowledge level of electricians.
- 4) **Regulation** serves as an exceptional and necessary benefit to consumers and to electrical workers in the context of electrical licensing and inspection. Recent trends have been toward less, rather than more, regulation. However, the reality of electrical licensing and inspection is that this is an area where regulation serves consumers and electricians in a beneficial way.

Broad scope, continuing education, structure, and regulation are four obvious reasons why mandatory electrical licensing and inspection is a proposal with great merit. The learning curve for electrical workers continues throughout their career. Mandatory licensing will ensure that electricians and the consumers who depend on them are always on the leading edge of the curve.

Over twenty states presently require electricians to be licensed and initiatives are being developed in several other states. Licensing benefits to the entire electrical industry and translates directly into consumer safety and worker safety. The end result is a value-added factor that cannot be attained in any other way.

Leon Burzynski, Local 494 IBEW

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Seminars

National Electrical Code Seminars

The PFMA and the EME will sponsor two 4-hour electrical code sessions on April 2 & 3, 2003 in conjunction with the Plant Engineering and Maintenance Expo.

Session one held on April 2, 2003 will include some of the NEC changes in the 2002 NEC.

Session two held on April 3, 2003 will relate the IBC (International Building Code) to Comm.16 and the NEC.

Get all this valuable information from Joe Hertel, Department of Commerce Supervisor, he will be presenting at both sessions.

Both sessions start at 8:00am and end at 12:00noon. Lunch will be provided. Shuttle buses will take attendees to the Plant Engineering and Maintenance Expo Hall. Shuttles buses will make return trips until 7:00pm each day.

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The Plant Engineering and Maintenance Expo will be offering free seminars on April 2 & 3, 2003 in the afternoons.

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Focus on Energy will be presenting Energy Management Best Practices.

Schaeffer Manufacturing will be presenting the energy savings that can be captured from using a high quality lubricant.

There will be other free seminars offered as well; please visit our website www.pfmainc.com for updated information on seminars as it becomes available.

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