

## events calendar

### January 2008

- 28 Managerial Success for the  
Emerging Team Leader  
Cincinnati, Ohio

### February 2008

- 4 Fundamentals of Press Brake  
Operations  
Gallatin (Nashville), Tenn.
- 6 Safety in the Fab Shop  
Kirtland (Cleveland), Ohio
- 6 Fundamentals of Press Brake  
Operations  
Tuscaloosa (Birmingham), Ala.
- 8 Fundamentals of Press Brake  
Operations  
Alpharetta (Atlanta), Ga.
- 13-15 Toll Processing '08:  
Globalization in the Steel Industry  
Lake Buena Vista, Fla.
- 20 Practical Cost Estimating  
for the Job Shop  
Gallatin (Nashville), Tenn.
- 20 Design Tips and Tricks for  
Sheet Metal  
Gallatin (Nashville), Tenn.
- 26-27 Practical Lean Certificate Level I:  
Fundamentals  
Gallatin (Nashville), Tenn.

*Details at [fmanet.org](http://fmanet.org)*

## Meet Steve Heim

### 2007-2008 FMA Chairman of the Board

Steve Heim is president of Brenco Industries, a company that he started 24 years ago. The company has a 60,000-sq.-ft. facility in the Vancouver area of British Columbia. Heim is the first FMA Canadian chairman of the board.

Heim joined the FMA board of directors in 2003 but has been actively volunteering for the association since 2001, when he joined the Sheet Metal Council.

**Q: What do you see as the biggest challenge facing the industry?**

**SH:** There are probably three. The first one is economic uncertainty. There are a lot of indicators that point in a lot of different directions right now and this is creating a sense of nervousness for some people.

The second issue would be China, which is not a new issue, it's an old one. It's an evolving issue and we are seeing some very interesting changes taking place in terms of the relationship with China in reference to manufacturing. Perhaps we can even get into an area where we begin exporting to China.

Probably the biggest issue for everybody is the skilled labor issue and trying to find enough people that are qualified, willing to work, and understand what we do. It's an interesting aspect when you think of it, because our school systems are really focused on moving young people through grade 12 and into university—and there's certainly nothing wrong with that. But we have to look at what young people are exposed to. That's what influences them.

They are influenced by the service industry because it's easy to walk into a Starbucks or a McDonald's or Wendy's and see what jobs are available. It's difficult for industry to reach these young people. For instance, you drive down the road that my company is on and you have a row of very nice concrete buildings, but they are all kind of faceless and they aren't exactly the most welcoming buildings to walk into because you don't even know what goes on inside of those walls.

*cont. on page 2*



*FMA President, Jerry Shankel (left), accompanied FMA Chairman and President of Brenco Industries, Steve Heim (right), to the Metal Trades Campus of the Kwantlen University College. Receiving the scale is the Chief Instructor, Rob Finlayson.*

*Brenco purchased the crane scale at the FMA Foundation auction held last year in Atlanta but never used it. Heim donated the 5,000-lb crane scale to the university's Metal Fabrication Department. Heim offered it to Finlayson when he heard the department required a scale to weigh student projects.*

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# Meet Steve Heim 2007-2008 FMA Chairman of the Board cont.

## Q: What are FMA's strengths?

**SH:** The top three are education, training, and networking. As a member, I have the ability to meet somebody that is doing work on the other side of the continent and develop friendships and relationships with these people. If I have a problem in my company and I need to talk to somebody, I can't necessarily talk to somebody down the street who I might be directly competing with. But I can pick up the phone and call a member in Wisconsin and share my problems and issues and get an honest response and feedback.

Our strengths also are in the production of the FABTECH show and with our slate of fantastic magazines that are very well received. The neat thing about that is the revenue generated by FABTECH and by advertising in the magazines all goes directly back into our industry. We create this perfect circle of revenue sharing and raising awareness while educating our industry.

## Q: What are the association's weaknesses?

**SH:** FMA doesn't have weaknesses, but we have opportunity. We need to focus on public relations and make sure people are aware of what

we do and what we can offer. A lot of people who receive *The FABRICATOR*® think they are members when, in fact, they just are subscribers to the publication. I would like to see our membership grow.

On the other hand, people don't join trade associations or service organizations anymore—our society has changed. It's a shame, because there is huge value with connecting with other people.

## Q: Where do you see FMA in five years?

**SH:** I'd like to see us in stronger alignment with other trade associations that affect or make themselves available to the same constituency as FMA. To simplify, I mean the metal fabricating industry of North America. We have associations that are lobbying groups, we have associations that are marketing groups, and FMA offers educational opportunities. FMA doesn't want to become a lobbying or a marketing group, but we can collectively share information and talk to one another and, perhaps, align and strategize with each other and become a very powerful force for our industry.

*If you have questions or concerns for your new chairman of the board, you may e-mail him at [steveh@brenco.com](mailto:steveh@brenco.com).*

## announcements

### Attention, Basic Members

#### *"Fabrinomics" Free Trial Has Expired*

"Fabrinomics," the semimonthly economic report for the metal forming and fabricating industry, is an exclusive benefit of Advantage and AdvantagePlus membership. As a Basic Member, you have received a free trial of "Fabrinomics." If you wish to continue receiving this e-newsletter, please contact customer service at 888-394-4362 or 815-399-8775 to upgrade your membership.

### Scholarship Application Live

Know someone who is interested in entering the metal forming and fabricating industry? The online application for FMA Foundation scholarships is now available at [fma-foundation.org](http://fma-foundation.org). College scholarships for members are \$5,000 per school year and \$2,500 per school year for nonmembers. Trade school scholarships are also available up to \$2,000 per school year and require membership. Application deadline is April 4, 2008.

### Calling All Young Professionals

Are you a young professional in the metal forming and fabricating or the tube and pipe industry? If you are 30 years old or younger and want to participate in forming a Young Professionals group within FMA and TPA, please contact Kimberly Pollard at [kimp@fmanet.org](mailto:kimp@fmanet.org).

### Dedication. Advancement. Leadership.

Those are just a few words that describe the winners of *The FABRICATOR's* Industry Award 2008 presented by FMA and *The Tube & Pipe Journal's* Industry Award 2008 presented by TPA. Look for the winners to be featured on the cover of the February 2008 issue of *The FABRICATOR* and on the cover of the January/February 2008 issue of *TPJ—The Tube & Pipe Journal*, respectively. They will also be featured in a high-profile editorial in the respective issues. You may meet the winners in person at Metal Matters 2008, March 12-14, at Disney's Contemporary Resort in Lake Buena Vista, Fla.

### Finding Skilled Employees Has Just Gotten Easier

Finding skilled employees is one of the top concerns of FMA and TPA members. To address this problem, we have created a new job board with many more features to help simplify the hiring process.

FMA/TPA Advantage and AdvantagePlus members can post unlimited job openings and access unlimited resumes at no charge (a \$5,000 value). Basic members can post jobs and access resumes for 50 percent off the regular price. Both employers and job seekers can take advantage of advanced search technology for faster, more accurate job and resume searching.

#### *Employers*

- Manage all your job postings in one convenient account.
- Create a company profile so candidates can learn more about your company.
- Save templates of your job postings for easy reuse.
- Save templates of your letters to applicants.
- Set up automatic prescreening questions for applicants.
- Store all your candidate profiles and results of communications with that applicant.

#### *Job Seekers*

- Post your resume anonymously to protect your personal information.
- Search the database of job openings.
- Access a library of career-related articles and resources.
- Get the assistance of Career Coaches for self-assessment and resume-building.
- Create a Job Alert and be notified of new jobs that match your search criteria.

Call customer service at 815-399-8775 or 888-394-4362 for more information about the Job Board or upgrading your membership.



# FMA STORE

## Are You Paying Too Much or Too Little for Your Shop Floor Staff?

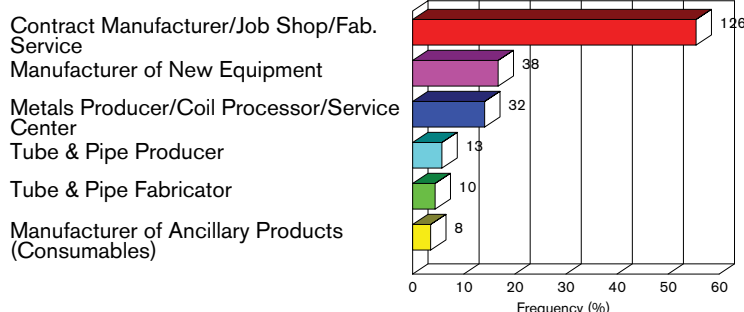
FMA knows it's important to your company's success to know what other companies are paying in total compensation for a similar position in your area. Learn how your company compares in the area of compensation by purchasing the *2007 Wage & Benefits Survey* sponsored by FMA.

### Participant Profile

Participants in the survey represent **227** companies nationwide with **10,842** employees in **79** job titles in major metal forming and fabricating technologies.

**Participants by Type of Company**

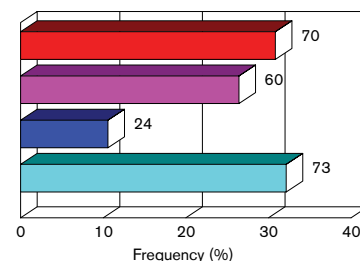
#### Type of Company



**Participants by Population**

#### Population

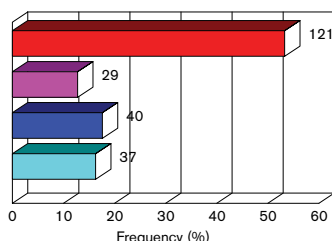
Less than 50,000  
50,000 - 249,999  
250,000 - 500,000  
More than 500,000



**Participants by Sales Volume**

#### Sales Volume

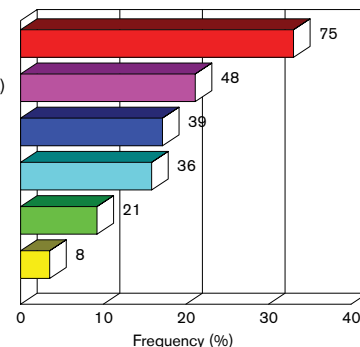
\$0 - \$9 million  
\$10 - \$19 million  
\$20 - \$50 million  
Over \$50 million



#### Region

East North Central (OH, IN, IL, MI, WI)  
Northeast (MA, RI, NH, ME, CT, VT, NJ, NY, PA)  
Southeast (AL, TN, MS, KY, DE, DC, MD, VA, WV, NC, SC, GA, FL, PR)  
West Central (LA, AR, OK, TX, IA, MN, SD, ND, MO, KS, NE)  
Western (MT, CO, WY, ID, UT, AZ, NM, NV, CA, HI, OR, WA, AK)  
Canada

**Participants By Region**



**Member price—\$150**

**Nonmember price—\$350**

To purchase the 2007 Wage & Benefits Survey visit [fmanet.org/fmastore](http://fmanet.org/fmastore) or call customer service at 815-399-8775 or toll free at 888-394-4362. Sample pages are also available. Ask your customer service representative for more information.



Fabricators & Manufacturers Association, International®

[fmanet.org/fmastore](http://fmanet.org/fmastore)

**Q:** I do a lot of tack welding using an arc welding process. Do I have to wear a helmet or will goggles be enough protection? I don't like to wear a helmet because I have to keep raising and lowering the hood between welds so I can move my torch for the next weld.

**A:** A welding helmet and safety glasses or goggles should be worn, even for tack welding. OSHA's regulation 1910.252, Subpart Q [Welding, Cutting, and Brazing] states: "Helmets or hand shields shall be used during all arc welding or arc cutting operations, excluding submerged arc welding." [1910.252(b)(2)(i)(A)]

ANSI Z49.1:2005, Safety in Welding and Cutting, and Allied Processes, says that eye protection for arc welding or arc cutting should be helmets or hand shields with filter lenses and cover lenses for operators and nearby personnel when viewing the arc [Section 4.2.1.1]. Neither one mentions tack welding as an exception to the helmet regulation.

Beyond the legal requirements, however, wearing a helmet makes good sense when performing any type of arc welding. The welding arc never should be looked at without adequate eye protection. Even short exposure can cause a painful eye condition known as welder's flash. This condition could cause the eyes to swell, create a burning sensation, or even produce temporary blindness. Although welder's flash is usually temporary, repeated or prolonged exposure can result in permanent damage to the eyes. Helmets protect the welder from welder's flash.

You mention that you don't like raising and lowering the hood between welds. That problem might be solved by using an autodarkening helmet. Welding helmets can be either fixed shade or variable shade. The darkness of the variable shades can be adjusted

manually or automatically depending on the helmet. When an autodarkening helmet is used in arc welding, the arc triggers sensors in the helmet to darken the lens in fractions of a second. This eliminates the need to raise the hood between welds because the operator can see the weld area and reposition the torch before striking the arc for the next tack weld. Once the arc is struck, industrial-grade helmets darken as quickly as 1/10,000 second and are a good choice for tack welding. After the weld, sensors should keep the helmet dark for a brief period of time before lightening up for additional eye protection.

Safety glasses or goggles also are necessary for adequate protection. Safety glasses and goggles, fitted with side shields, protect eyes from indirect ultraviolet (UV) rays and harmful objects that may fly up toward the welder's face. To be efficient, safety glasses or goggles should fit snugly and be comfortable under the helmet.

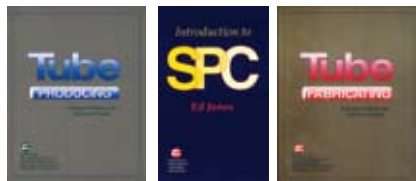
To be safe, safety glasses or goggles in combination with a welding helmet should be worn. They meet safety standards and regulations, and they make good sense.

*As a member, you have access to the largest and most extensive library devoted to the metal forming and fabricating industry—a benefit reserved exclusively for members. FMA's Research Assistance Center is the most efficient source for the information you need to optimize your operation. Advantage and AdvantagePlus Members enjoy unlimited FREE research, while Basic Members receive one hour of FREE research assistance per month. Get your research questions answered when you call the Research Assistance Center at 1-815-399-8700 or e-mail [researchassistance@fmanet.org](mailto:researchassistance@fmanet.org).*



## FMA STORE

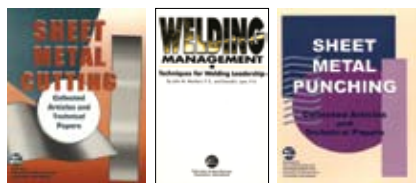
## Clearance Sale!



**Tube Producing: Collected Articles \$20 \$7.50 (FMATPB)**

**Intro to SPC \$26 \$7.50 (FMASPC)**

**Tube Fabricating: Collected Articles – Vol. 1 \$15 \$7.50 (FMATFB)**



**Sheet Metal Cutting: Collected Articles \$15 \$10 (FMASMC)**

**Welding Management \$42 \$7.50 (FMAWLD)**

**Sheet Metal Punching: Collected Articles \$20 \$10 (FMASMP)**

***Hurry! These prices are good only through February 29, 2008.***

Call customer service at 888-394-4362 or 815-399-8775 to order and mention this ad to receive special pricing.



11.12.07

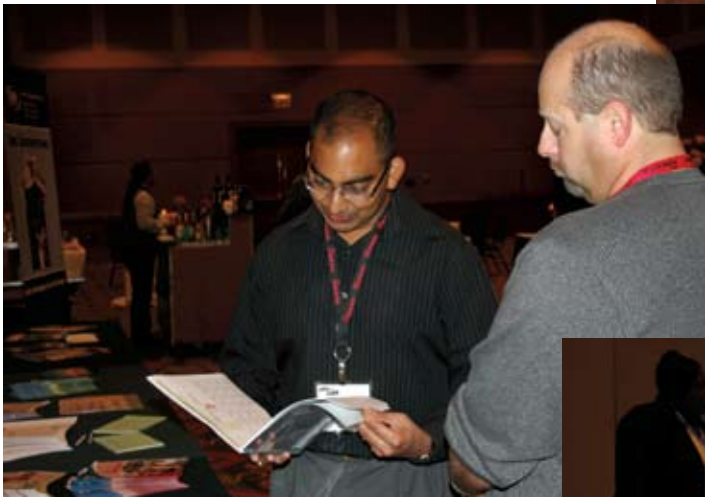


*Dr. Kuehl speaks with guests at the Appetizers & Economics event that took place after the FABTECH & AWS Welding Show.*



*Dr. Chris Kuehl*

*Associate Director Vivek Gupta browses membership materials with a guest.*



**FMA and TPA held an Appetizers & Economics event November 12, at the Hyatt McCormick Place. Economist Chris Kuehl was on hand to speak and answer guest questions about the future of manufacturing.**

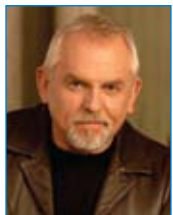
*Guests enjoyed a variety of appetizers and cocktails while waiting for Dr. Kuehl to address the room.*



# Metal Matters

The Metal Fabricator's Management Summit

## Six keynotes to motivate and reorient you at Metal Matters



John Ratzenberger



Chris Kuehl



Danny Forster



Gary Kopps



Tom Waddle



Susan Annunzio

Trends—recognizing them, understanding them, and taking advantage of them—will be the focus of the upcoming third annual FMA/TPA conference. **Metal Matters 2008: The Metal Fabricator's Management Summit** is scheduled for March 12-14 at Disney's Contemporary Resort in Lake Buena Vista, Fla.

Make plans now to attend. Here's why: Changing with the times is a formidable challenge, but attending Metal Matters' morning lineup of keynote presentations will give you a leg up.

For starters, John Ratzenberger will address a problem employers are increasingly facing in a shrinking pool of quality employees. In his opening keynote, "Taking Pride in Tinkering: Creating a Skilled Work Force," he'll explore how best to cultivate a new generation of workers. Ratzenberger is host of The Travel Channel's "Made in America," author of *We've Got It Made in America: A Common Man's Salute to an Uncommon Country*, and widely known for his role as Cliff Clavin on the sit-com "Cheers."

We'll also look at what's coming down the pike for manufacturers, as Chris Kuehl, FMA's economist and managing director of Armada Corporate Intelligence, translates the economic indicators into language fabricators can understand and act on.

At a presentation by Danny Forster, host of The Discovery Channel's "Build It Bigger" (formerly "Extreme Engineering"), you'll get a behind-the-scenes perspective on the components that go into creating phenomenal innovations and inventions. Get pointers for following the unpredictable path and tapping into your creativity.

You'll also hear from Gary Kopps, manager of occupational safety worldwide, John Deere & Company. Learn why it's vital for your company to take control of the health and safety of its employees, and get a game plan for securing the commitment of senior management in this endeavor.

Plus, hear how one man overcame adversity and beat the odds to become a wide receiver for the Chicago Bears. Now an NFL network analyst, Tom Waddle will be on hand to tell his story—one that's sure to motivate and inspire you.

At the closing keynote, by Susan Annunzio of the Center for High Performance, you'll explore the characteristics that distinguish high-performance work environments. Learn how to recognize and remove systematic barriers to profitable growth in your company.

Following these morning presentations, afternoon breakout sessions in two technology tracks will update you on advancements in your industry sector. Choose between *The FABRICATOR*'s Sheet Metal & Plate Forum and the *TPJ*® Symposium, sponsored by *TPJ – The Tube & Pipe Journal*.

Metal Matters will also offer roundtable discussions for peer-to-peer problem solving and a panel on work force development.

Participants can browse tabletop exhibits from industry suppliers, and golf with fellow attendees at Disney's Magnolia Golf Course. Plus, join in the celebration and meet the recipients of *The FABRICATOR*'s Industry Award 2008, presented by FMA, and *TPJ – The Tube & Pipe Journal*'s Industry Award 2008, presented by TPA.

Registration is \$695 for FMA/TPA members; the general fee is \$845.

Details and registration are available at [fmanet.org](http://fmanet.org) or 888-394-4362.

For event sponsorship and tabletop exhibit opportunities, contact Jennifer Christian at 815-227-8207 or [jen@fmanet.org](mailto:jen@fmanet.org).

## Globalization is focus of Toll Processing Conference

Get the latest intelligence on global trends in the steel industry and how they're likely to impact toll processors when you attend FMA's 12th annual conference for leaders in toll processing. Toll Processing 2008: Globalization in the Steel Industry takes place Feb. 13-15, 2008, at Disney's Contemporary Resort in Lake Buena Vista, Fla.

Internationally recognized speakers will present fresh perspectives on economic and industry trends. You'll gain strategies for meeting your challenges at these presentations:

Dr. Jeffrey K. Liker, author of *The Toyota Way*, will deliver a keynote on management principles that can lead your company to success.

Chris Kuehl, Ph.D., FMA's global economist and managing director of Armada Corporate Intelligence, will supply an informed perspective on where the industry is headed and the implications of globalization for toll processors.

Glenn Kidd, steel industry analyst and former market research manager at U.S. Steel Corp., will present an overview of how developments over the past year are affecting the toll processing industry.

The Outside Processors Council will coordinate a panel discussion, with four industry leaders sharing their unique perspectives on the challenges facing processors.

### Who Should Attend?

Presidents and VPs, outside processing managers, steel mill executives, and general managers will benefit from this program's focus. Gain a comprehensive view of the global trends affecting the steel industry at FMA's Toll Processing 2008 Conference. Register now at [fmanet.org](http://fmanet.org) or 815-399-8775.

This annual gathering is developed in cooperation with FMA's Toll Processing Technology Council, a volunteer panel of industry leaders. Industry sponsors to date are Acero Prime, ASKO Inc., Herr-Voss Stamco, Indiana Pickling & Processing Co., James Burg Trucking Company, Leveltek LLC, Main Steel Polishing Co. Inc., and Samuel Steel Pickling Co.



**Coming May 20-22, 2008 ...**

## The Toyota Way Conference & Exhibit



Dr. Jeffrey  
Liker



A quick scan of page one of *The Wall Street Journal* for Nov. 8 reveals: "GM posted ... one of the biggest quarterly losses for a U.S. company." "Ford forecast to post loss after a quarter in black."  
**"Toyota's net climbed 11% to 3.93 billion."**

Toyota Motor Corporation became the world's No. 2 automaker by discovering, standardizing, and implementing a set of management principles now known as The Toyota Way.

FMA is excited to offer The Toyota Way Conference & Exhibit, scheduled for May 20-22 in the Chicagoland area. (Look for details at [fmanet.org](http://fmanet.org).)

The program is developed in partnership with Dr. Jeffrey Liker, author of the bestselling *The Toyota Way: 14 Management Principles from the World's Greatest Manufacturer*, and David Meier, Liker's co-author on *The Toyota Way Fieldbook*.

According to Dr. Liker, "Toyota has raised continuous improvement and employee involvement to a unique level, creating one of the few examples of a genuine learning enterprise in human history."

Liker's goal at the upcoming Toyota Way Conference is to help other companies learn from Toyota and themselves so they can continuously improve on what they do. To that end, he has packaged the elements of The Toyota Way as a system you can practice every day in a consistent manner in your manufacturing environment.

Reserve your place at The Toyota Way Conference and participate in:

- keynotes by Dr. Jeffrey Liker and Gary Convis, chairman, Toyota Motor Mfg. Kentucky Inc.
- Tracks focusing on HR, leadership, accounting, product design, manufacturing safety—the entire enterprise
- Plant tours of world-class lean facilities – manufacturing and service
- Exhibits by lean service and equipment suppliers

Reserve your place now at [fmanet.org](http://fmanet.org), or call 888-394-4362.

## Learn estimating, design from "Precision Matters" columnist



Gerald Davis is a job shop consultant  
and chairman of the board of DSM  
Manufacturing Co.

Two seminars, offered back-to-back on Feb. 20, 2008, near Nashville, Tenn., will share best practices learned over a career in metal fabricating. Gerald Davis, popular columnist for *The FABRICATOR*, will lead the pair of skill-building programs. Attendees can register for one, or reserve their place at both at a reduced fee.

### Practical Cost Estimating for the Job Shop

Feb. 20, 2008 – Morning (8 a.m. - Noon) | Gallatin (Nashville), Tenn. This seminar will provide:

- A methodology for developing cost estimates for virtually any manufacturing process
- Secrets for verifying that your detailed bid is in the ballpark
- Familiarity with Enterprise Resource Planning (ERP) software
- Tools for continuously improving your cost estimating skills

The cost estimating function in any job shop critically affects the success of the business. This interactive workshop explores techniques for developing winning bids that tie in with the economic goals of your firm.

### Design Tips and Tricks for Sheet Metal:

#### Optimizing Your CAD Investment

Feb. 20, 2008 – Afternoon (1–5 p.m.) | Gallatin (Nashville), Tenn. The nature of fabricating has changed with advancements in design software. Computer-aided design (CAD) tools available for fabricators are continually emerging, but are you getting the maximum output from your software? Do you have a firm grasp of basic sheet metal design principles? Learn how to get the most out of your system from a seasoned CAD jockey. Discover the role CAD software can play in nesting plans; developing flat blanks; measuring cuts, and much more! By attending this program you will be better equipped to take advantage of technology to increase production, decrease costs, and ultimately stay competitive in the increasingly global marketplace.

Per-program fee is \$215 for FMA/TPA Members; \$265 nonmembers. Attend both seminars for \$395; \$495 nonmembers. For details and registration, go to [fmanet.org](http://fmanet.org) or call toll-free 888-394-4362.

## Would your shop benefit from On-Site Training?

If your operation would benefit from a skills improvement program designed around your unique equipment and production requirements, consider On-Site Training from FMA. What could be more convenient and efficient?

- The instructor comes to you
- The program is designed around your shop's equipment
- Staff members team-build around common training challenges

On-Site Training can increase efficiency, improve quality, decrease scrap, eliminate accidents, and reduce costly downtime. Each course is customized to address your specific needs.

Subject areas include:

- Coil Processing
- Hydroforming
- Joining
- Laser Processing
- Lean Manufacturing
- Management
- Roll Forming
- Sheet Metal Fabrication
- Stamping
- Tube & Pipe

View a complete list of subjects at [www.fmanet.org/OnSiteTraining](http://www.fmanet.org/OnSiteTraining)  
For costing or more information, contact the Education Department at 888-394-4362 or by e-mail at [info@fmanet.org](mailto:info@fmanet.org).

# Site Overview

## MSDS Search

Over 3.5 Million MSDSs to download and use

## Search

- Simple
- Advanced
- Site Navigation
- Open Text

## Training Resources

Hundreds of customizable and downloadable solutions

## Compliance Resources

- Regulatory Analysis
- Regulations
- Federal and State
- Written Plans

## Resource Centers

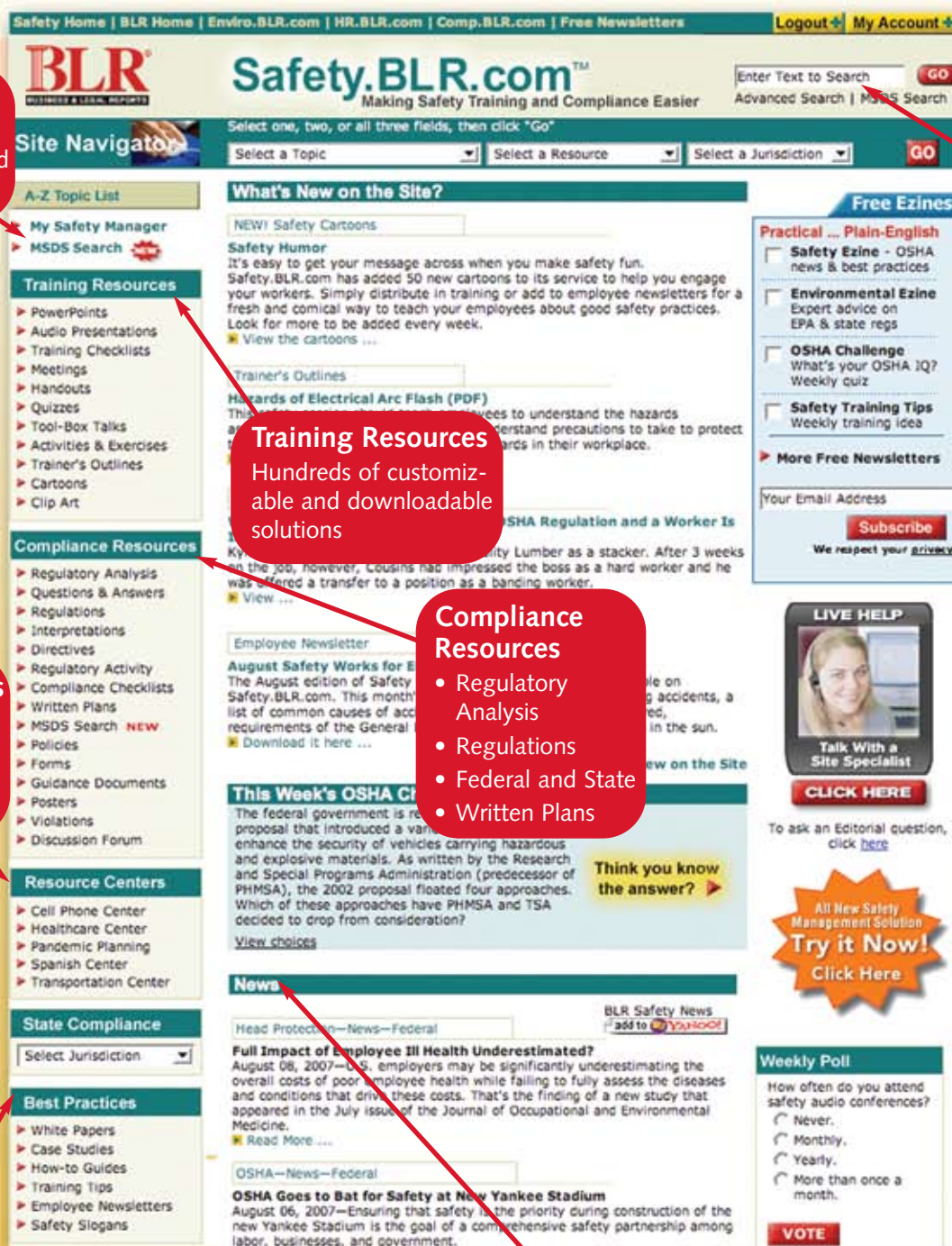
Specialized collections of resources on critical safety topics

## Best Practices

Case studies and how-to guides based on real-world examples

## News

- Updated Daily
- Summaries
- Featured Articles





**Accuride** launched a new color catalog, "Slides for Wood Furniture and Wood Cabinetry," which includes detailed product specifications and a selection guide.

**AICON 3D Systems** announced the release of TubeInspect version 4.0.

**AICON** also announced a new version of its AICON 3D Studio, a control panel for various measuring tasks.

**AICON** also launched TubeInspect HD technology, which measures tubes and wires shorter than 500 mm.

**Anchor Fabrication Ltd.** successfully completed its ISO 9001:2000 periodic audit for 2007. Anchor Fabrication was one of the first custom steel fabricators in the Dallas/Fort Worth area to receive this globally recognized certification.

**Bosch Rexroth AG** now offers total line automation that provides all automation components for packaging systems from a single source.

**The Bradbury Co. Inc.** announced the promotion of David Cox to president.

**Bystronic** recently introduced ByTrans, a new material handling system that yields greater profits through higher machine utilization, expanded operations, and reduced labor costs.

**Dofasco** will begin building a \$60 million pulverized coal injection system at its two blast furnaces in Hamilton, Ontario. The project

is scheduled to be completed in January 2009 and is aimed at cutting fuel costs.

**Exact Software** announced the release of Exact JobBOSS version 10.1.

Leila L. Vespoli, senior vice president and general counsel for **FirstEnergy Corp.**, testified before the Ohio House of Representatives' Public Utilities and Energy Committee on Substitute Senate Bill 221, which outlines a process for establishing electricity prices beginning in 2009.

**J.L. Clark** won the Best of Category in the International Metal Decorators Association's 2007 Excellence in Quality Competition.

**Lockerbie & Hole Inc.** announced it has entered into a surety agreement to allow it to obtain project bonding for at-risk construction projects to an aggregate amount of \$500 million.

**Metal Locking Service Inc.** hired Katherine Schreckenberger as logistics manager.

**Middle Atlantic Products** introduced its new Intermediate Distribution Rack series.

**Oberg Industries'** Costa Rica facility celebrated five years in business in October 2007.

**Olympic Steel Inc.** announced the recipients of the Sol Siegal Scholarship Program: Christine Dilloway, Bradley McPherson, Claudia Mejia, Ashley Neil, Sean Phillips, Alexandre Pilon, Annette Sabatka, Michael Sagharian, and Timothy Shields.

The 2007 renewal recipients are: Alyse Fields, Sara Konopinski, Shannon Phillips, Joelle Blais, Jennifer Corey, Rebecca Dilloway, Megan Pirrung, and Hannah Winkler.

**Peddinghaus Corp.** is now providing local access telephone numbers for customers in the U.K., Ireland, Brazil, Mexico, and Canada.

**PennEngineering®** published a free "Product Guide and Index to Bulletins," which offers a quick and easy reference source for fastener products and installation equipment.

**RathGibson** now offers 8-inch (203.2-mm) OD sanitary tubing to meet the rigorous challenges of the food and dairy industries.

**Samuel Manu-Tech Inc.** announced that it has acquired Northland Stainless Inc.

**SMS Demag** received an order to supply a heavy shearing line to Handan Iron and Steel Group Co. Ltd., Handan, China.

**TRUMPF** announced the completion of its 500th TruPunch 2020 machine.

**TRUMPF** also released the newest version of its TruTops software.

**TRUMPF** also named Claudio Schutz as its director of spare parts North America.

**Ultratech Inc.** announced it has received an order from Advanced Semiconductor Engineering, Inc. for its 300-mm, advanced-packaging lithography system.

## safety record

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### New Member Benefit for Advantage and AdvantagePlus Members

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## Foundation Elects New Members



*Boyd Coddington*



*James P. Bouchard*



*Delbert "Del" Mullens*

Boyd Coddington, James P. Bouchard, and Delbert "Del" Mullens were elected to the board of directors of the Fabricators & Manufacturers Association (FMA) Foundation at the group's recent annual meeting. Each will serve a two-year term on the 15-member board, which provides governance for the FMA Foundation.

Coddington is an internationally recognized automotive designer, builder, and fabricator in the custom-fabricated hot rod industry. He is best-known as the under-the-gun, deadline-stomping star of "American Hot Rod," a show that airs on TLC, The Learning Channel. He also is owner of Boyd Coddington's Hot Rods and Collectibles based in La Habra, Calif. Coddington's trademark billet aluminum wheels are a product that launched an industry, and today he continues to introduce sheet metal work, welding, and pipe bending to the public.

Bouchard is chairman and CEO of Wheeling-Pittsburgh Steel Corporation, of Wheeling, W. Va., and Mullens is owner of Wesley Financial Corp. of Bloomfield Hills, Mich.

The FMA Foundation serves as an educational, research, and charitable organization to promote metal forming and fabricating technology in manufacturing.

"The FMA Foundation serves a vital role for our industry by educating and encouraging our youth to consider manufacturing as a future career path," said Bouchard. "I'm committed to helping the FMA continue its important work in promoting and advancing the manufacturing sector's position in this country."

The FMA Foundation offers grants to not-for-profit organizations and educational institutions introducing young people to metal forming and fabricating careers in manufacturing; provides funding to organizations starting or expanding manufacturing camps for youths; and issues scholarships to students at colleges and trade schools pursuing careers in manufacturing.

"As an owner of companies in the fabricating and powder coating industry, I am keenly aware of the competitive global nature of manufacturing and the need for well-trained employees in today's market," said Mullens. "Being a member of the FMA Foundation board will allow me to work in collaboration with business and industry to help prepare future employees for the world of manufacturing."

### The FMA Foundation

The FMA Foundation serves as an educational, research, and charitable organization. Funds raised are specifically used to engage youths in training and to provide scholarships and grants to conduct research relating to metal forming and metal fabrication technology in manufacturing.

The Foundation is always looking for volunteers to review scholarship applications or host fund-raising events. Please contact Terry Egan at 815.399.8700 or [terrence@fmanet.org](mailto:terrence@fmanet.org) for more information.

**Dreaming of the Day?  
...and wondering how to pay for it?**



**Scholarships of up to \$5,000 are available for students seeking careers in the metal forming and fabricating industry.**

**Visit [fmafoundation.org](http://fmafoundation.org) for more information.**

*Deadline is April 2, 2008.*

**Fabricators & Manufacturers Association Foundation**



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# Connections

*member newsletter*



january/february 2008

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