

Safety & Health SPOTLIGHT

NOTE about Username/Password: Many of the links in *Safety & Health Spotlight* require login to the STI/SPFA website at www.steeltank.com. If you already have a username and password, log in and click "Members" on the homepage. If you don't have Member access, [contact our office](#).

Construction deaths up in 2012

The US Bureau of Labor Statistics reported in August that construction workplace fatalities rose by 5% in 2012, the first annual increase in six years. There were 775 workplace deaths in the construction industry last year, compared with 738 in 2011.

Fatality data are "lagging indicators," says Chris Williams, director of safety for Associated Builders and Contractors. "We need to look at leading indicators, to prevent some of the incidents from happening."

This information is based on an article in *Engineering News-Record*.

[Click here for full article](#)

OSHA's 2013 top citations

Fall protection heads the list In its December issue, *Safety+Health* magazine reports OSHA's preliminary list of top OSHA citations:

8,241	Fall Protection (1926.501)
6,156	Hazard Communication (1910.1200)
5,423	Scaffolding (1926.451)
3,879	Respiratory Protection (1910.134)
3,452	Electrical, Wiring Methods (1910.305)
3,340	Powered Industrial Trucks (1910.178)
3,311	Ladders (1926.1053)
3,254	Lockout/Tagout (1910.147)
2,745	Electrical, General Requirements (1910.303)

**NOVEMBER
2013
Members Only**

In This Issue

[Fatality report from NIOSH](#)

[Training tools from STI/SPFA](#)

[Regulatory updates](#)

[Proposed silica rule
changes](#)

[Transitioning to safer
chemicals](#)

[OSHA adopts ANSI sign
standards](#)

[Member benefit:
WebNetTraining](#)

[New WebNet Training
course](#)

["Leading Indicators" at 2014
Annual Meeting](#)

[S&H Committee leadership](#)

[Your safety & health
resources](#)

[STI/SPFA Consultants FREE
for members](#)

**Should someone
at your company
be reading
Spotlight?**

[Click here to send us
name and email
address!](#)

[Back to top](#)

Thanks to the following for contributions to this issue of Spotlight:
Tim Racicot, Nooter/CIC
Jim Rhudy
Ken Wade, Taylor Forge
WebNetTraining

Fatality report from NIOSH

In view of increased construction fatalities noted above, your team may want to review a recent post on STI/SPFA's Safety & Health Forum.



NIOSH's Fatality Assessment and Control Evaluation (FACE) program issued a thorough report on a tower erector fatality in 2005. The news may be old, but the scenario and recommendations are just as relevant today.

[Click here for this FACE report and more on the S&H Forum](#)

[Back to top](#)

Training help from STI/SPFA

Don't forget that these training aids on fall prevention are available to members:

- **Tank Builders Scaffold Guidelines:** handy pocket-size guide.
- **Scaffold Guidelines: PowerPoint presentation** that compliments the booklet.



[Click here for more info](#)

[Back to top](#)

Regulatory updates

From STI/SPFA Safety Consultant Jim Rhudy

At every meeting of the Safety & Health Committee, Jim Rhudy updates the group about regulatory changes and initiatives relevant to the steel fabrication industry. Jim is a retained safety consultant for STI/SPFA and its members.

Here are highlights from the committee meeting held at the Fall Conference in September:

- **Workers must be trained** in the United Nations Globally Harmonized System of Classification and Labeling of Chemicals **by December 1, 2013**. [OSHA's webpage](#) provides a Hazardous Communication presentation, and STI/SPFA's Safety & Health Committee has a training presentation on the website.
- Obama skirts rulemaking process and issues an **executive order to OSHA to improve chemical facility safety** on August 1.
- OSHA releases **new fall prevention training guide** with "tool box talks." [Click here](#).
- **Proposed OSHA rules** status:



Jim Rhudy
Safety Consultant

1. Recordkeeping and reporting for Federal Agencies. August, 2013
 2. Slip, trip & fall hazards due November 2013
 3. Confined space in construction due December 2013
 4. [Injury and Illness Prevention Program](#) (I2P2) due January 2014
- On April 5, 2013, OSHA issued a Letter of Interpretation that **non-union workers can select anyone as their representative during an OSHA inspection**. A coalition for workplace safety which is affiliated with the National Association of Manufacturers (NAM) called for OSHA to withdraw the letter, which could permit someone affiliated with a union be chosen as a representative during a walk-around inspection of a non-union workplace.
 - OSHA extends compliance dates for **crane operator certification** and qualification to November 10, 2017.
 - OSHA has published a **new booklet "Falling Off Ladders Can Kill; Use Them Safely."** [Click here.](#)

[Back to top](#)

Proposed silica rule changes

Dates extended for comment period and public hearings

On September 12, 2013, OSHA issued a **Notice of Proposed Rule Making for Crystalline Silica**.

For STI/SPFA members who are still "sand blasting," the exposure limit is being reduced by one-half (to 50 micrograms per cubic meter of air) and it requires health monitoring and medical exams. The proposal affects general industry, construction and maritime.

OSHA says that its "notice-and-comment rulemaking process relies heavily on input from the public, including the regulated community" and OSHA "encourages members of the public to participate in the silica rulemaking by submitting comments...and by providing testimony at the...public hearings..."

- December 12, 2013: Deadline to file a Notice of Intent to Appear at the public hearings.
- January 27, 2014: Deadline for written comments on the proposed rule.
- March 18, 2014: public hearings begin.

[Read more about the proposed rule and how to comment here.](#)

[Back to top](#)



Transitioning to safer chemicals

OSHA offers new web resources

Each year in the United States, tens of thousands of workers are made sick or die from occupational exposures to the thousands of hazardous chemicals that are used in workplaces every day.

The U.S. Department of Labor's Occupational Safety and Health Administration has launched two new web resources to assist companies with keeping their workers safe:

- [Transitioning to Safer Chemicals: A Toolkit for Employers and Workers](#) offers a seven-step assessment and transition procedure.



- [Annotated PELS tables](#)

[Click here for more](#)

[Back to top](#)

OSHA adopts ANSI safety sign standards

Article from *InCompliance* magazine

"As of September 11, 2013*, OSHA's rule update to incorporate the current ANSI Z535 (2011) safety sign and tag standards into its safety regulations is now in effect. No longer merely an anticipated agenda item, this rule change is now real and it's a game-changer for product and safety engineers responsible for protecting people from harm."

The author of this article is Geoffrey Peckham, CEO of Clarion Safety Systems and chair of both the ANSI Z535 Committee and the U.S. Technical Advisory Group to ISO Technical Committee 145- Graphical Symbols.

[See the full article and sample signage here.](#)

[Back to top](#)



Signs courtesy of
and copyrighted by
Clarion Safety Systems

WebNetTraining member benefit

Easy and cost-effective employee training

WebNetTraining™ offers a web-based safety training system designed to compliment or replace many of the safety training classes required to comply with OSHA.

There are nearly 100 programs available, many also offered in Spanish. All programs are designed by safety professionals with the ultimate goal of reaching employees with information they need to be safe. The programs are designed to comply with the training requirements of the Occupational Safety and Health Administration (OSHA).



Each presentation is delivered on-line via of Macromedia's Flash technology that delivers high quality graphic images, text and audio. This format provides a powerful learning tool for employees –an interesting and interactive learning experience.

Record-keeping is easy with WebNetTraining, since the system automatically documents and monitors all results. Training records are accessible to the company administrator at any time, and training records can be downloaded to an Excel spreadsheet and forwarded to you by the STI/SPFA program administrator.

[For STI/SPFA member rates and further information, click here.](#)

[Back to top](#)

Behavior Based Safety Training

New WebNet Training course

OSHA has an obligation to ensure the safety and health of America's workers by setting and

enforcing standards. Employers have an obligation to provide a safe and healthy workplace for their employees. Studies have shown that unsafe conditions account for approximately 10% of all accidents, but **unsafe acts account for 90%**. Having a safe environment is more than just good housekeeping, safety procedures and safe machines.



To understand what it takes to make us safe, the Behavior Based Safety model proposes that a good program needs four key components. First, employees need to actively care for one another. Second, companies need to support and foster peer-to-peer coaching. Next, employers and employees need to recognize and reward individuals and teams for good safety performance. And finally, a company needs strong continuous improvement processes in place.

WebNet Training's Behavior Based Safety program provides both employees and employers with information on how to properly implement a Behavior-Based Safety Program and how it is used to reduce workplace injuries and illnesses. The four objectives of this presentation include learning the concept of a safe behavior program and the premise a good system is founded upon, understanding the difference between behaviors and attitudes, understanding positive and negative reinforcement as well as antecedents, and finally, learning how to implement a Safe Behavior Observations Program.

STI/SPFA members have access to WebNet Training programs [on the website](#).

[Back to top](#)

"Leading Indicators"

Program scheduled for 2014 Annual Meeting

At its meeting in September, the Safety & Health Committee reviewed and approved a draft presentation for the 2014 Annual Meeting, March 15-18, in San Diego.



Ken Wade, HSE Coordinator at Taylor Forge Engineered Systems, developed the presentation. You can [view the draft of Ken's presentation here](#). And of course, don't miss the complete presentation at the 2014 Annual Meeting, March 15-18, at Loews Coronado Bay resort in San Diego.

Minutes of the Safety & Health Committee meeting are [available here](#).

[Back to top](#)

Safety & Health Committee seats new chairman

At its meeting in Houston in September, the STI/SPFA Safety & Healthy Committee's announced that Tim Racicot, Nooter/CIC Group, has completed his term as chair of the committee.

On behalf of the membership, STI/SPFA expresses sincere appreciation to Tim for his three years of thoughtful leadership. Among the committee's accomplishments under his term is development of this Safety & Health Spotlight quarterly electronic newsletter.

Former vice-chair Robert Clouse is the new committee chairman for a three-year term. The committee elected Ken Wade as the new vice-chair.



*Tim Racicot, immediate
past chairman of
STI/SPFA Safety &
Health Committee*

The Safety & Health Committee meets at every Annual Meeting and Fall Conference. All STI/SPFA members are welcome at the meetings.

[Click here for meeting minutes, past safety presentations, and more.](#)

[Back to top](#)

STI/SPFA's

Safety & Health resource pages

Find a broad array of information and resources for your safety program on STI/SPFA's [Safety & Health Committee website pages](#). If you already have a username and password, log in and click "Safety & Health Pages" on the Welcome page. If you don't have Member access, [contact our office](#). Our website is a valuable resource. Check out these useful links:

- [Safety & Health FORUM](#): Recall notices, training resources, personnel incidents and news. Join in the discussions.
- [WebNet Safety Training](#): Train employees inexpensively, at your plant, for a full year via the Internet
- [Training Resources](#): Materials for use by Member companies for safety training sessions--more than 100 presentations and posters
- [OSHA Issues](#): Updates to OSHA programs of current interest
- [Tank Use Mishaps](#): STI/SPFA monthly online newsletter with stories of mishaps involving tanks and petroleum
- [Safety Awards](#): Information about STI/SPFA's Safety Award of Excellence and the Safety Award of Achievement



[Back to top](#)

Puzzled? Call STI/SPFA's consultants

Contact them for FREE assistance

Got a question or a quandary about safety, processes or codes? Did you know that as a Member of STI/SPFA, you have access to a group of expert consultants? STI/SPFA has contracted with them to provide brief, complimentary consultation services.

Take advantage of this Members Only benefit. Contact our consultants:

- **Safety & Health:** Jim Rhudy, jrrhudy@yahoo.com, 281-419-5839
- **Fabrication:** Bill Herdman, wherdman@sbcglobal.net, 317-885-1270
- **Fire Codes:** Jeff Shapiro, Jeff.Shapiro@IntlCodeConsultants.com, 512-795-2900



[Click here](#) to print the consultant contact list

[Back to top](#)



Join our LinkedIn Group



*Safety & Health Spotlight is published quarterly by STI/SPFA
Editor: **Noël Zak**, **Membership/Communications Manager**
Articles and links are provided by STI/SPFA and/or author(s)
for informational purposes only, and do not constitute legal or
technical advice.*

[Back to top](#)